

### JLM Engine Oil Flush 250ml PRO J04835 Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830Date of issue: 7-3-2013Revision date: 21-11-2016Supersedes: 17-5-2016Version: 5.0

Info@limiubricants.com.www.limlubricants.com         14. Emergency telephone number         Emergency number       I Tel Nr +31 (0)20 201 4995         Contry       Organisation/Company       Address       Emergency number       Comment         Iteland       National Poisons Information       Poison 2017       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +353 1 809 2166 (public, Barn - 10pm, 77)         Mater Del Houghat       +356 2545 6504         Colspan= Del Moughat       +356 2545 8504         Colsp		ict identifier				
Product       : U04835         Stype of product       : Lubricant         12.       Relevant identified uses of the substance or mixture and uses advised against         12.1.       Relevant identified uses         Wain use category       : Consumer use. Industrial use, Professional use         Jase of the substance/mixture       : This of should not be used for any other purpose than the interded use without expert advised against         Vise advised against       Vise advised against         Vise advised uses       Vise advised uses         13.       Details of the supplier of the safety data sheet         UNLubricants Scorn       Vise advised uses         14.       Emergency telephone number         Emergency rumber       : Tel Nr + 31 (0)20 201 4995         Infealnd       National Poissons Information         Poisson Sinfor       Relevant         Reservery under       : Tel Nr + 31 (0)20 201 4995         Centre       Bounnet Inserver         Bounnet Inserver       : Tel Nr + 31 (0)20 201 4995         Inservery under       : Tel Nr + 31 (0)20 201 4995         Centre       Bounnet Inservery         Bounnet Inserver       : Tel Nr + 31 (0)20 201 4995         Centre       Bounnet Inservery         Bounnet Inservery       Matres Prevery			Mixtures			
Type of product       E         L2.       Relevant identified uses         L3.       Consumer use, industrial use, Professional use         L3.       Uses advised against         Values advised against       Values advised a			ILM Engine Oil Flush 250ml F	RO		
1.2.       Relevant identified uses of the substance or mixture and uses advised against         1.2.1.       Relevant identified uses         Wain use category <ul> <li>Consumer use, Industrial use, Professional use</li> <li>Use of the substance/mixture</li> <li>This oil should not be used for any other purpose than the intended use without expert advised against</li> <li>Vo additional information available</li> <li>Details of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Use of the supplier of the safety data sheet</li> <li>Country</li> <li>Organisation/Company</li> <li>Polesin the of the safety data sheet</li> <li>Polesin the of the safety data sheet</li> <li>Country</li> <li>Organisation/Company</li> <li>Polesin the of the safety data sheet</li> <li>Country</li> <li>Organisation/Company</li> <li>Polesin the of the safety data sheet</li> <li>Polesin the of the safety data sheet</li> <li>Polesin the of the safety data sheet</li> <li>Country</li></ul>						
1.2.1. Relevant identified uses         Value category       : Consumer use, Industrial use, Professional use         Jee of the substance/mixture       : This oil should not be used for any other purpose than the intended use without expert adv         1.2.1. Uses advised against       No additional information available         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.3. Details of the supplier of the safety data sheet       IMU/Uricants         1.4. Cleasification of the supplier of the safety data sheet       IMO/Uricants         1.4. Cleasification of the substance or mixture       Imericant sheet         1.5. Cleasification according to Regulation (EC) No. 1272/2008 [CLP]       Imericant staments (SLP)         2.2. Label el	Type of product	:	Lubricant			
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1.2.1. Uses advised against         No additional information available         1.3. Details of the supplier of the safety data sheet         1.3. Details of the supplier of the safety data sheet         1.3. Multividicants on available         3.3. Details of the supplier of the safety data sheet         1.3. Energency letephone number         F-31 (02) 201 4935         Country       Organisation/Company         Address       Energency number         Caritre       Bound on the safety data sheet         Deaming       Address         Country       Organisation/Company         Pole of EXP       Formation	Main use catego	ry :	Consumer use, Industrial use,	Professional use		
No additional information available           1.3.         Details of the supplier of the safety data sheet           1.4.         Details of the supplier of the safety data sheet           1.3.         Details of the supplier of the safety data sheet           1.4.         Emergency number           1.7.         Tel Nr +31 (0)20 201 4995           Country         Organisation/Company           1.7.         Fel Nr +31 (0)20 201 4995           Country         Organisation/Company           1.7.         Poissons Information           1.7.         Classification of the substance or mixture           2.1         Classification of the substance or mixture           2.1         Classification of the substance or mixture           2.1         Classification according to Regulation (EC) No. 1272/2008 [CLP]           4.2         Full statements: see section 16           Adverse physicochemical, human health and environmental effects           5 <td>Jse of the subst</td> <td>ance/mixture :</td> <td>This oil should not be used fo</td> <td>r any other purpose than the inten</td> <td>ded use without expert advice</td>	Jse of the subst	ance/mixture :	This oil should not be used fo	r any other purpose than the inten	ded use without expert advice	
1.3. Details of the supplier of the safety data sheet I.M. Unbricants. b.v. Schipbel Boulevard 1118 BG Schiphel - Neherlands 1-31 (0)2 021 4995 IndegRinubricants.com, yww.limubricants.com 1.4. Emergency teleptone number Emergency number 1.7 Tel Nr +31 (0)20 201 4995 Country Organisation/Company Address Emergency number 1.8. Emergency number 1.9 Social 200 201 4995 Country Organisation/Company Address Polson 120 (Polson 120) Polson 120 (Polson 120) 1.353 1 809 2566 (Polloc, Barn - 10pm, 77) Matra Medicines & Poisons Info Mater Dei Houptail Polson 120 (Polloc, Barn - 10pm, 77) Matra Matra Medicines & Poisons Info Miser Dei Houptail Section 2: 422 (Polloc, Barn - 10pm, 77) Hatradistication of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP) : H412 - Harmful to aquatic life with long lasting effects Precautionary statements (CLP) : H412 - Harmful to aquatic life with long lasting effects Precautionary statements (CLP) : H412 - Harmful to aquatic life with long lasting effects Precautionary statements (CLP)		-				
JLM Lubricants b.v.         Schipbild Duleyard T13 BG Schipbild - Netherlands T +31 (0)20 201 4995         Caunty       Organisation/Company         A.       Emergency telephone number         Emergency number       : Tel Nr +31 (0)20 201 4995         County       Organisation/Company         Valides       Emergency number         County       Organisation/Company         Valides       Emergency number         County       Organisation/Company         Valides       Emergency number         Centry       Organisation/Company         Valides       Emergency number         Centry       Organisation/Company         Valides       Emergency number         Centry       Organisation/Company         Valides       Mational Poisons Information Description Read         Valides       Mater De Hospital         Matta       Medicines & Poisons Info         Office       Office         SECTION 2: Hazards identification         Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements       See Section 16         Adverse physicochemical, human health and environment = for statements <t< td=""><td></td><td></td><td> to (</td><td></td><td></td></t<>			to (			
Schippel Boulevard 118 BG Schippel P. Netherlands T-31 (0)20 201 4995 Info@Imlubricants.com: www.imlubricants.com 14. Energency telephone number Emergency number : Tel Nr +31 (0)20 201 4995 County Organisation/Company Address Energency number Comment Policy Professionals: 24.77 Pearmont Read Policy Professionals: 24.77 +353 1 800 2166 (public, Baumont Hospital Policy Information Matta Metricines & Policons Information ESECTION 2: Hazards identification 21. Classification of the substance or mixture Classification of the substance or protein tail of the substance or substance or substance 22. Label elements Labeling according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP) : - Hazard statements (CLP) : P273 - Avoid release to the environment Procautionary statements (CLP) : P273 - Avoid release to the environment Procautionary statements (CLP) : P273 - Avoid release to the environment Procautionary statements (CLP) : P273 - Avoid release to the environment Procautionary statements (CLP) : P273 - Avoid release to the environment Procautionary statements (CLP) : P273 - Avoid release to the environment Procaution statements (CLP) : P273 - Avoid release to the environment P50 - Dispose of contents/container to an approved waste disposal plant P50 - Dispose of contents/container to an approved waste disposal plant P50 - Dispose of contents/conta			i sheet			
1111 B BG Schiphol - Netherlands         1.4.       Emergency telephone number         Emergency number       : Tel Nr +31 (0)20 201 4995         Country       Organisation/Company       Address       Emergency number       Comment         Iteland       National Poisons Information Centre       Poisons Information Centre       +453 1 800 2566 (public, 8am - 10pm, 7/7)         Mata       Medicines & Poisons Info       Mater Dei Hoopstul MSD Meida       +356 2545 6504         SECTION 2: Hazards Identification       Estimation (C) No. 1272/2008 [CLP]         +azardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and sortactice.         2.2.       Label elements         Labeling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       :						
T -31 (0)20 201 4995 Info@limubricants.com, 14. Energency telephone number Emergency number : Tel Nr +31 (0)20 201 4995 Country Organisation/Company Address Energency number Comment Polem 1 Poisson Information Centre Beaumont Read Polem 1 Poisson Information Centre Classification according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP) : : : P273 - Avoid release to the environment Poison 2 Dispose of contents/container to an approved waste disposal plant EUH-statements (CLP) : : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant EUH-statements : : EUH208 - Contains Benzenesulforine raciton 2.3. Other hazards Centre Azards stoments (CLP) : : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant EUH208 - Contains Benzenesulforine raciton 2.3. Other hazards Centre Azards stoments (CLP) : : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant EUH208 - Contains Benzenesulforine raciton						
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Emergency number       : Tel Nr +31 (0)20 201 4995         Country       Organisation/Company       Address       Emergency number       Comment         Ireland       National Poisons Information       Poisons 100 provided in the second seco	· · /					
Country         Organisation/Company         Address         Emergency number         Comment           Ireland         National Poisons Information Centre Beaumont Hospital         PO Box 1297 Beaumont Road 9 Dualin         H353 1809 2566 (Healthcare professionals-24(7)) +353 1809 2166 (public, Barn + 10pm, 7(7)           Malta         Medicines & Poisons Info Office         Matter Dai Hospital MsD Mada         +356 2545 6504         Image: Comment - 10pm, 7(7)           SECTION 2: Hazards identification         Estimation of the substance or mixture         Estimation of the substance or mixture           Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full ext of H statements : see section 16           Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice.           22.         Label elements           Labeling according to Regulation (EC) No. 1272/2008 [CLP]           Signal word (CLP)         : -           +azard statements (CLP)         : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant           EUH-statements         : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction           23.         O	1.4. Emerg	jency telephone number				
Ireland       National Poisons Information Centre Beaumont Hoad Dublin       PO Row 1297 Beaumont Road Dublin       +433 1809 2566 (Healthcare professionals-24/7) +335 1809 2166 (public, Barn 10pm, 7/7)         Malta       Medicines & Poisons Info Office       Mater Del Hoopilal MSD Maida       +356 2545 6504         SECTION 2: Hazards Identification       Mater Del Hoopilal MSD Maida       +356 2545 6504         SECTION 2: Hazards Identification       Environment MSD Maida       +366 2545 6504         Classification of the substance or mixture       Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412       Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects       To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice.         2.2.       Label elements         Labeling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant         EUH-tstatements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium sats(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Chter hazards	Emergency num	ber	Tel Nr +31 (0)20 201 4995			
Matha       Person Number Nead       Person Nead       Processionals-24/7)         Mata       Medicines & Poisons Info       Mater Dei Hospital       +353 1809 2166 (public, Bam - 10pm, 77)         Mata       Medicines & Poisons Info       Mater Dei Hospital       +356 2545 6504         SECTION 2: Hazards identification       Example of the substance or mixture         Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         Fo our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice.         2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         ercautionary statements (CLP)       : P273 - Avoid release to the environment         Precautionary statements       : EUH206 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium sats(722503-86-6). May produce an allergic reaction         2.3.       Other hazards         Cher hazards       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.	Country			Emergency number	Comment	
Beaumont Hospital         Document (High Depicted)         professionals-2477 (High Depicted)           Maita         Medicines & Poisons Info Office         Mater Del Hospital (Mater Del Hospital)         +356 2545 6504           SECTION 2: Hazards identification         Example of the substance or mixture         +356 2545 6504           Classification according to Regulation (EC) No. 1272/2008 [CLP]         + 4zardous to the aquatic environment — Chronic Hazard, Category 3 H412           Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects           To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and soractice.           2.2.         Label elements           Labeling according to Regulation (EC) No. 1272/2008 [CLP]           Signal word (CLP)         : -           H412 - Harmful to aquatic life with long lasting effects           Precautionary statements (CLP)         : -           Precautionary statements (CLP)         : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction           2.3.         Other hazards         : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.	Ireland					
Malta       Medicines & Poisons Info Office       Mater Dei Hospital MSD Maida       +353 1 809 2166 (public, Barr - 10pm, 7/7)         Malta       Medicines & Poisons Info Office       Mater Dei Hospital MSD Maida       +356 2545 6504         SECTION 2: Hazards identification       Example of the substance or mixture         Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and so ractice.         2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         -tazard statements (CLP)       : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Cher hazards not contributing to the assification       : Flammable liquids. Prolonged or repeated skin contact with the material will remove natura which leads to a dermattits. Spills of this product present a serious slipping hazard.         S						
Matta       Medicines & Poisons Info       Matter Dei Hospital       +356 2545 6504         Matta       Medicines & Poisons Info       Matter Dei Hospital       +356 2545 6504         SECTION 2: Hazards identification       Edisification according to Regulation (EC) No. 1272/2008 [CLP]         Azardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         Fo our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and soractice.         2.2.       Label elements         Label elements       :         Adverse physicochemics (CLP)       :         Signal word (CLP)       :         :       P412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       :         :       :         CUH-statements       :         :       :         :       :         :       :         :       :         :       :         :       :         :       :         :       :         :       :         :       :						
Mixed       MSD Melda       MSD Melda       NSD Kelda         Office       MSD Melda       NSD Melda       NSD Kelda         SECTION 2: Hazards identification       MSD Melda       NSD Melda       NSD Kelda         21.       Classification of the substance or mixture         Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3       H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and soractice.         2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : P273 - Avoid release to the environment         Procutionary statements (CLP)       : P273 - Avoid release to the environment         Pool - Dispose of contents/contains to an approved waste disposal plant       : EUH208 - Contains Benzenesulfonic acid, methyls, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.<						
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2.1. Classification of the substance or mixture         Classification according to Regulation (EC) No. 1272/2008 [CLP]         Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412         Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice.         2.2. Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3. Other hazards       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients	SECTION 2.	Hazards identification	·	· ·	·	
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Hazardous to the aquatic environment — Chronic Hazard, Category 3 H412 Full text of H statements : see section 16 Adverse physicochemical, human health and environmental effects To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice. 2.2. Label elements Labelling according to Regulation (EC) No. 1272/2008 [CLP] Signal word (CLP)						
Full text of H statements : see section 16         Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and sorractice.         2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : H412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       : P273 - Avoid release to the environment         P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Dther hazards not contributing to the aclissification       : Flammable liquids. Prolonged or repeated skin contact with the material will remove natura which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients						
Adverse physicochemical, human health and environmental effects         To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and s practice.         2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : H412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       : P273 - Avoid release to the environment         P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Other hazards not contributing to the classification       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious silpping hazard.         SECTION 3: Composition/information on ingredients	Hazardous to the	aquatic environment — Chronic Hat	azard, Category 3 H412			
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2.2.       Label elements         Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : H412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       : P273 - Avoid release to the environment         P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Other hazards       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients				andled in accordance with good	accupational bygiona and cafe	
Labelling according to Regulation (EC) No. 1272/2008 [CLP]         Signal word (CLP)       : -         Hazard statements (CLP)       : H412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       : P273 - Avoid release to the environment         P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Dther hazards not contributing to the classification       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients		e, this product does not present any	particular fisk, provided it is i	landied in accordance with good t	occupational hygiene and sale	
Signal word (CLP)       : -         Hazard statements (CLP)       : H412 - Harmful to aquatic life with long lasting effects         Precautionary statements (CLP)       : P273 - Avoid release to the environment P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       : EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Dther hazards not contributing to the classification       : Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients	2.2. Label	elements				
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EUH-statements       P501 - Dispose of contents/container to an approved waste disposal plant         EUH-statements       EUH208 - Contains Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs, calcium salts(722503-68-6). May produce an allergic reaction         2.3.       Other hazards         Other hazards       Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients	Hazard statemer	( )				
calcium salts(722503-68-6). May produce an allergic reaction <b>2.3.</b> Other hazards Other hazards not contributing to the classification      Flammable liquids. Prolonged or repeated skin contact with the material will remove nature which leads to a dermatitis. Spills of this product present a serious slipping hazard.  SECTION 3: Composition/information on ingredients		atements (CLP)			posal plant	
Other hazards not contributing to the       : Flammable liquids. Prolonged or repeated skin contact with the material will remove natura which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients			P501 - Dispose of contents/co			
Other hazards not contributing to the       : Flammable liquids. Prolonged or repeated skin contact with the material will remove natura which leads to a dermatitis. Spills of this product present a serious slipping hazard.         SECTION 3: Composition/information on ingredients	Precautionary st	i :	EUH208 - Contains Benzenes		24-branched alkyl derivs,	
classification which leads to a dermatitis. Spills of this product present a serious slipping hazard. SECTION 3: Composition/information on ingredients	Precautionary st	; · · · · · · · · · · · · · · · · · · ·	EUH208 - Contains Benzenes		24-branched alkyl derivs,	
·	Precautionary st EUH-statements 2.3. Other	hazards	EUH208 - Contains Benzene calcium salts(722503-68-6). N	lay produce an allergic reaction		
·	Precautionary st EUH-statements 2.3. Other Other hazards no	hazards ot contributing to the :	EUH208 - Contains Benzener calcium salts(722503-68-6). M Flammable liquids. Prolonged	Nay produce an allergic reaction	material will remove natural	
	Precautionary st EUH-statements 2.3. Other Dther hazards no classification	hazards ot contributing to the :	EUH208 - Contains Benzener calcium salts(722503-68-6). M Flammable liquids. Prolonged which leads to a dermatitis. S	Nay produce an allergic reaction	material will remove natural	
	Precautionary st EUH-statements 2.3. Other Dther hazards no classification	hazards ot contributing to the	EUH208 - Contains Benzener calcium salts(722503-68-6). M Flammable liquids. Prolonged which leads to a dermatitis. S	Nay produce an allergic reaction	material will remove natural	

### Not applicable

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

#### 3.2. **Mixtures**

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).]	(CAS-No.) 64742-65-0 (EC-No.) 265-169-7 (EC Index-No.) 649-474-00-6 (REACH-no) 01-2119471299-27	>= 75	Asp. Tox. 1, H304	
Distillates (petroleum), hydrotreated heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.] substance with a Community workplace exposure limit	(CAS-No.) 64742-54-7 (EC-No.) 265-157-1 (EC Index-No.) 649-467-00-8 (REACH-no) 01-2119484627-25	0,5 - 5	Asp. Tox. 1, H304	
Benzenesulfonic acid, methyl-, mono-C20-24-branched alkyl derivs., calcium salts	(CAS-No.) 722503-68-6	0,1 - 0,5	Skin Sens. 1B, H317 Aquatic Chronic 4, H413	
Phenol, dodecyl-, branched	(CAS-No.) 121158-58-5 (EC-No.) 310-154-3 (EC Index-No.) 604-092-00-9 (REACH-no) 01-2119513207-49	0,01 - 0,5	Skin Corr. 1C, H314 Eye Irrit. 2, H319 Repr. 1B, H360 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10)	
ethanediol, ethylene glycol substance with a Community workplace exposure limit	(CAS-No.) 107-21-1 (EC-No.) 203-473-3 (EC Index-No.) 603-027-00-1 (REACH-no) 01-2119456816-28	0,01 - 0,05	Acute Tox. 4 (Oral), H302	

### Full text of H-statements: see section 16

SECTION 4: First aid measures	
4.1. Description of first aid measure	95
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. Assure fresh air breathing. Allow the victim to rest.
First-aid measures after skin contact	: Wash contaminated clothing before reuse. Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Get immediate medical advice/attention. Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.
4.2. Most important symptoms and	effects, both acute and delayed
Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: After adequate first aid, no further treatment is required unless symptoms reappear.
Symptoms/effects after skin contact	: After adequate first aid, no further treatment is required unless symptoms reappear.
Symptoms/effects after eye contact	: After adequate first aid, no further treatment is required unless symptoms reappear.
Symptoms/effects after ingestion	: After adequate first aid, no further treatment is required unless symptoms reappear.

4.3. Indication of any immediate medical attention and special treatment needed al.

Obtain medical assistance. Ingestion of large quantities: immediately to hospita
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<b>SECTION 5: Fire-fighting measures</b>	
5.1. Extinguishing media	
Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a water jet since it may cause the fire to spread. Do not use a heavy water stream.
5.2. Special hazards arising from the su	ubstance or mixture
Fire hazard	: On burning: release of carbon monoxide - carbon dioxide.
Reactivity in case of fire	: Possibility of hazardous reactions.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830



5.3. Advice for firefighters	
Precautionary measures fire	: Evacuate area. Fight fire remotely due to the risk of explosion. Stop leak if safe to do so.
Firefighting instructions	Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Wear self-contained breathing apparatus, rubber boots and thick rubber gloves. Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Cool down the containers exposed to heat with a water spray.

6.1.	Personal precautions, protective eq	uip	ment and emergency procedures
6.1.1.	For non-emergency personnel		
Protectiv	e equipment	:	Eliminate all ignition sources if safe to do so.
Emergen	cy procedures	:	Ventilate spillage area. Evacuate unnecessary personnel.
6.1.2.	For emergency responders		
Protectiv	e equipment	:	Do not attempt to take action without suitable protective equipment. Eliminate all ignition sources if safe to do so. Wear suitable protective clothing, gloves and eye/face protection. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".
Emergen	cy procedures	:	Stop leak if safe to do so. Stop release. Ventilate area.
6.2.	Environmental precautions		
Avoid rel	ease to the environment. Prevent entry	to s	ewers and public waters. Notify authorities if liquid enters sewers or public waters.
6.3.	Methods and material for containme	ent	and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Take up liquid spill into absorbent material. Absorb spillage to prevent material damage. Large spills: scoop solid spill into closing containers. This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information	: Provide for a tub to collect spills. Dispose of materials or solid residues at an authorized site.
6.4 Reference to other sections	

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7. Handling and stars	
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Keep away from Heat, hot surfaces, naked flames No smoking.
Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Handling temperature	: ≤ 50 °C
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includi	ng any incompatibilities
Technical measures	: Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Store in dry protected location to prevent any moisture contact. Heat sources. Keep only in the original container in a cool, well ventilated place away from : Direct sunlight, Heat sources. Keep container closed when not in use. Store in a well-ventilated place. Keep cool.
Incompatible products	: Oxidizing agent. Strong bases. Strong acids.
Incompatible materials	: Keep away from any possible contact with water, because of violent reaction and possible flash fire. Sources of ignition. Direct sunlight.
Storage temperature	: 45 °C
Storage area	: Store in a well-ventilated place. Store away from heat.
Special rules on packaging	: Store in a closed container. Keep only in original container.
7.3. Specific end use(s)	
None.	



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### **SECTION 8: Exposure controls/personal protection**

### 8.1. Control parameters

Distillates (petroleum), hydrotreated heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.] (64742-54-7) FU IOELV TWA (mg/m<sup>3</sup>) 5 mg/m<sup>3</sup> Limit value (mg/m<sup>3</sup>) 5 mg/m<sup>3</sup> Belgium USA - ACGIH ACGIH TWA (mg/m<sup>3</sup>) 5 mg/m<sup>3</sup> USA - ACGIH ACGIH STEL (mg/m<sup>3</sup>) 10 mg/m<sup>3</sup> USA - NIOSH NIOSH REL (TWA) (mg/m3) 5 mg/m<sup>3</sup> USA - NIOSH NIOSH REL (STEL) (mg/m<sup>3</sup>) 10 mg/m<sup>3</sup> ethanediol, ethylene glycol (107-21-1) FU Local name Ethylene glycol ΕU IOELV TWA (mg/m<sup>3</sup>) 52 mg/m<sup>3</sup> IOELV TWA (ppm) FU 20 ppm ΕU IOELV STEL (mg/m<sup>3</sup>) 104 mg/m<sup>3</sup> ΕU IOELV STEL (ppm) 40 ppm ΕU Skin Notes France VME (mg/m<sup>3</sup>) 125 mg/m<sup>3</sup> Netherlands Local name Ethaan-1,2-diol Grenswaarde TGG 8H (mg/m<sup>3</sup>) 52 mg/m<sup>3</sup> Netherlands 10 mg/m<sup>3</sup> (damp) Netherlands Grenswaarde TGG 15MIN (mg/m<sup>3</sup>) 104 mg/m<sup>3</sup> Netherlands Remark (MAC) H (Huidopname) Stoffen die relatief gemakkelijk door de huid kunnen worden opgenomen, hetgeen een substantiële bijdrage kan betekenen aan de totale inwendige blootstelling, hebben in de lijst een Haanduiding. Bij deze stoffen moeten naast maatregelen tegen inademing ook adequate maatregelen ter voorkoming van huidcontact worden genomen. United Kingdom WEL TWA (mg/m<sup>3</sup>) 52 mg/m<sup>3</sup> 8 Hrs United Kingdom WEL STEL (mg/m<sup>3</sup>) 104 mg/m<sup>3</sup> 15 Min

#### 8.2. Exposure controls

#### Appropriate engineering controls:

Use adequate ventilation to keep oil mist below applicable standard. Use splash goggles when eye contact due to splashing is possible. Ocular shower with suitable liquid.

#### Personal protective equipment:

Gloves. Safety glasses. Protective clothing. Avoid all unnecessary exposure.

#### Materials for protective clothing:

Wear suitable protective clothing

#### Hand protection:

Protective gloves

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR), Neoprene rubber (HNBR)	5 (> 240 minutes)	0.7		EN 374
	Polyvinylchloride (PVC)	2 (> 30 minutes)	0.4		EN 374

### Eye protection:

Chemical goggles or safety glasses. Use splash goggles when eye contact due to splashing is possible. EN 166

### Skin and body protection:

Avoid prolonged and repeated contact with skin. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn

### **Respiratory protection:**

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Where excessive vapour, mist, or dust may result, use approved respiratory protection equipment. Particle filter. EN 143



### Environmental exposure controls:

Avoid release to the environment.

### Other information:

Do not wear leather soled shoes. Do not eat, drink or smoke during use.

<b>SECTION 9: Physical and chemica</b>	l properties
9.1. Information on basic physical and	
Physical state	: Liquid
Appearance	Characteristics.
Colour	: light brown.
Odour	: characteristic.
Odour threshold	: No data available
рН	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: -24 °C
Boiling point	: No data available
Flash point	: >200 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 874 kg/m³ @15°C
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: 32,2 mm²/s @40°C
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
Other properties	: See Product Data Sheet for detailed information.
Additional information	: None.
<b>SECTION 10: Stability and reactivity</b>	ty
10.1. Reactivity	
None.	
10.2. Chemical stability	

**10.2.** Chemical stability

The product is stable at normal handling and storage conditions. Not established.

10.3. Possibility of hazardous reactions

None. Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5. Incompatible materials

Oxidizing agent. Strong acids. Strong bases.



Safety Data Sheet



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### 10.6. Hazardous decomposition products

None. fume. Carbon monoxide. Carbon dioxide.

1.1. Information on toxicological e	effects
cute toxicity	: Prolonged or repeated skin contact with the material will remove natural oils which leads to a dermatitis
removal of normal paraffins from a pe	ted heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by etroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having e range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at
LD50 oral (rat)	5000 mg/kg
LD50 dermal (rat)	5000 mg/kg
LC50 inhalation (rat) (mg/l)	5,53 mg/l/4h
treating a petroleum fraction with hyd	neavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by lrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers ough C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a d hydrocarbons.] (64742-54-7)
LD50 oral	> 5000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg
ethanediol, ethylene glycol (107-21-1)	
LD50 oral (rat)	4000 mg/kg
LD50 dermal (rat)	> 3500 mg/kg
LD50 dermal	> 3500 mg/kg
LC50 inhalation (rat) (mg/l)	> 2,5 mg/l
LC50 inhalation (rat) (ppm)	> 2,5 ppmv/4h
kin corrosion/irritation	: No other effects known
dditional information	: Based on available data, the classification criteria are not met
erious eye damage/irritation	: Data not validated
dditional information	: Based on available data, the classification criteria are not met
espiratory or skin sensitisation	: No other effects known
dditional information	: Based on available data, the classification criteria are not met
erm cell mutagenicity	: No other effects known
	Based on available data, the classification criteria are not met
arcinogenicity	This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.
dditional information	: Based on available data, the classification criteria are not met
eproductive toxicity	: Not classified
dditional information	: Based on available data, the classification criteria are not met
TOT-single exposure	: Not classified
dditional information	: Based on available data, the classification criteria are not met
TOT-repeated exposure	: Not classified
dditional information	: Based on available data, the classification criteria are not met
spiration hazard	: Not classified
dditional information	: Based on available data, the classification criteria are not met
Engine Flush	

SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general	: No data available.		



Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

removal of normal paraffins from a petroleu	avy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons having of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at
LC50 fish 1	100 mg/l
EC50 Daphnia 1	10000 mg/l
EC50 72h algae (1)	3 mg/l
treating a petroleum fraction with hydrogen	paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a pocarbons.] (64742-54-7) 10000 mg/l
	10000 mg/r
ethanediol, ethylene glycol (107-21-1)	
LC50 fish 1	41000 mg/l 96 Hrs
LC50 fish 2	14 (14 - 18) mg/l 96 Hrs
EC50 Daphnia 1	46300 mg/l 48 Hrs
EC50 other aquatic organisms 1	6500 (6500 - 13000) mg/l 96 Hrs
Threshold limit algae 1 Threshold limit algae 2	10000 mg/l 168 Hrs 2000 mg/l 192 Hrs
Phenol, dodecyl-, branched (121158-58-5)	
LC50 fish 1	40 mg/l (Pimephales promelas)
EC50 Daphnia 1	0,037 mg/l
EC50 other aquatic organisms 1	0,58 mg/l
EC50 72h algae (1)	0,36 mg/l
12.2. Persistence and degradability	
Engine Flush	
Persistence and degradability	No data available. Not established.
carbon numbers predominantly in the range	m fraction by solvent crystallization. It consists predominantly of hydrocarbons having of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at
removal of normal paraffins from a petroleur carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable.
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydrogen	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable. baraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a bocarbons.] (64742-54-7)
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable. baraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydrogen	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable. baraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a bocarbons.] (64742-54-7)
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydro Biodegradation	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable. baraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a bocarbons.] (64742-54-7)
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1)	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a pocarbons.] (64742-54-7)         30 % 28 d OECD 301F
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a pocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD)	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers 250 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a pocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O₂/g substance
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers 250 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O₂/g substance         1,29 g O₂/g substance         1,29 g O₂/g substance
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD)	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O₂/g substance         1,24 g O₂/g substance
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5)	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers 250 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O₂/g substance         1,29 g O₂/g substance         1,29 g O₂/g substance
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through ( relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD         25 % 28S, OECD TG 301 B
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through (0 relatively large proportion of saturated hydr Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy petreating a petroleum fraction with hydrogen predominantly in the range of C20 through Constrained hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush Bioaccumulative potential Distillates (petroleum), solvent-dewaxed hear removal of normal paraffins from a petroleum	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD         25 % 28S, OECD TG 301 B
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through 0 relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush Bioaccumulative potential Distillates (petroleum), solvent-dewaxed hear removal of normal paraffins from a petroleum carbon numbers predominantly in the range	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         scarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0.47 g O₂/g substance         1,24 g O₂/g substance         1,29 g O₂/g substance         0,36 % ThOD         25 % 28S, OECD TG 301 B         No data available. Not established.         avy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons having
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through ( relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush Bioaccumulative potential Distillates (petroleum), solvent-dewaxed hear removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0)	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at Not biodegradable. Deraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a Docarbons.] (64742-54-7) 30 % 28 d OECD 301F Readily biodegradable. easily degradable in the soil. 0,47 g O <sub>2</sub> /g substance 1,24 g O <sub>2</sub> /g substance 1,29 g O <sub>2</sub> /g substance 0,36 % ThOD D No data available. Not established. No data available. Not established. No data available. Not established.
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through ( relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush Bioaccumulative potential Distillates (petroleum), solvent-dewaxed hear removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Bioconcentration factor (BCF REACH) Log Pow Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD         25 % 28S, OECD TG 301 B         No data available. Not established.         wy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons having of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 260         9,2         varaffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons baving of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 260         9,2         varaffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers 250 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C).
removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Persistence and degradability Distillates (petroleum), hydrotreated heavy p treating a petroleum fraction with hydrogen predominantly in the range of C20 through ( relatively large proportion of saturated hydro Biodegradation ethanediol, ethylene glycol (107-21-1) Persistence and degradability Biochemical oxygen demand (BOD) Chemical oxygen demand (COD) ThOD BOD (% of ThOD) Phenol, dodecyl-, branched (121158-58-5) Biodegradation 12.3. Bioaccumulative potential Engine Flush Bioaccumulative potential Distillates (petroleum), solvent-dewaxed hear removal of normal paraffins from a petroleum carbon numbers predominantly in the range 100 °F (19cSt at 40 °C).] (64742-65-0) Bioconcentration factor (BCF REACH) Log Pow	of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at         Not biodegradable.         paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by         in the presence of a catalyst. It consists of hydrocarbons having carbon numbers         C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a         ocarbons.] (64742-54-7)         30 % 28 d OECD 301F         Readily biodegradable. easily degradable in the soil.         0,47 g O <sub>2</sub> /g substance         1,24 g O <sub>2</sub> /g substance         1,29 g O <sub>2</sub> /g substance         0,36 % ThOD         25 % 28S, OECD TG 301 B         No data available. Not established.         wy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons having of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 260         9,2         varaffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by m fraction by solvent crystallization. It consists predominantly of hydrocarbons baving of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 260         9,2         varaffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by in the presence of a catalyst. It consists of hydrocarbons having carbon numbers 250 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C).

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

ethanediol, ethylene glycol (107-21-1) Log Pow	-1,36
	-1,50
Phenol, dodecyl-, branched (121158-58-5) Bioconcentration factor (BCF REACH)	794,33
Log Kow	7,14
	7,17
12.4. Mobility in soil	
Engine Flush	No coolering demonstration within readuct
Ecology - soil	No ecological damage caused by this product.
ethanediol, ethylene glycol (107-21-1)	
Surface tension	0,048 N/m @20°C
<b>12.5. Results of PBT and vPvB assessme</b> No additional information available	nt
12.6. Other adverse effects	
Additional information	: Avoid release to the environment
SECTION 42: Dispessel consideration	
SECTION 13: Disposal consideration	
13.1. Waste treatment methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	<ul> <li>Dispose of contents/container to Dispose in a safe manner in accordance with local/national regulations, See Directive 2001/118/EC. See Directive 2001/118/EC. Dispose in a safe manner in accordance with local/national regulations.</li> </ul>
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	<ul> <li>13 02 05* - mineral-based non-chlorinated engine, gear and lubricating oils</li> <li>15 01 10* - packaging containing residues of or contaminated by dangerous substances</li> </ul>
<b>SECTION 14: Transport information</b>	
In accordance with ADR / RID / IMDG / IATA / A	DN
14.1. UN number	
UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable
14.2. UN proper shipping name	
Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable
14.3. Transport hazard class(es)	
ADR	. Natanaliashla
Transport hazard class(es) (ADR)	: Not applicable
IMDG	
	· Not applicable
Transport hazard class(es) (IMDG)	: Not applicable
ΙΑΤΑ	
Transport hazard class(es) (IATA)	: Not applicable
,	
ADN	
Transport hazard class(es) (ADN)	: Not applicable
RID	
Transport hazard class(es) (RID)	: Not applicable
14.4. Packing group	
Packing group (ADR)	: Not applicable
4-4-2017	EN (English) 8/11
<del></del> -2017	Liv (Lingilon) 8/11

ILM

### Safety Data Sheet



Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable
14.5. Environmental hazards	
Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

#### 14.6. Special precautions for user

### - Overland transport

No data available

### - Transport by sea

No data available

#### - Air transport

No data available

### - Inland waterway transport

No data available

### - Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

### SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture 15.1.

#### 15.1.1. **EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no REACH substances with Annex XVI Contains no substance on the REACH candidate Contains no REACH Annex XIV substances	
Other information, restriction and prohibition regulations	: Ensure all national/local regulations are observed.
15.1.2. National regulations	
Germany	
VwVwS Annex reference	: Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)
WGK remark	: Classification in compliance with Verwaltungsvorschriftwassergefährdender Stoffe (VwVwS) of 17 May 1999
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	: Is not subject of the 12. BlmSchV (Hazardous Incident Ordinance)
Netherlands	
Hazardous to water	: 8 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Ministry's list of carcinogens	: Distillates (petroleum), hydrotreated heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil of at least 100 SUS at 100 °F (19cSt at 40 °C). It contains a relatively large proportion of saturated hydrocarbons.],Phenol, dodecyl-, branched,Distillates (petroleum), solvent-dewaxed heavy paraffinic, Baseoil - unspecified, [A complex combination of hydrocarbons obtained by removal of normal paraffins from a petroleum fraction by solvent crystallization. It consists predominantly of hydrocarbons having carbon numbers predominantly in the range of C20 through C50 and produces a finished oil with a viscosity not less than 100 SUS at 100 °F (19cSt at 40 °C).] are listed



according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Ministry's list of mutagens	lates (petroleum), hydrotreated heavy paraffinic, Base bination of hydrocarbons obtained by treating a petrole ence of a catalyst. It consists of hydrocarbons having of e of C20 through C50 and produces a finished oil of at C). It contains a relatively large proportion of saturated ched, Distillates (petroleum), solvent-dewaxed heavy p olex combination of hydrocarbons obtained by remova bleum fraction by solvent crystallization. It consists pre- on numbers predominantly in the range of C20 through a viscosity not less than 100 SUS at 100 °F (19cSt at 100)	eum fraction with hydrogen in the carbon numbers predominantly in the least 100 SUS at 100 °F (19cSt at hydrocarbons.],Phenol, dodecyl-, araffinic, Baseoil - unspecified, [A l of normal paraffins from a dominantly of hydrocarbons having n C50 and produces a finished oil
NON-exhaustive list of reproductive toxins - Breastfeeding	e of the components are listed	
NON-exhaustive list of reproductive toxins - Fertility	e of the components are listed	
NON-exhaustive list of reproductive toxins - Evolution	nol, dodecyl-, branched is listed	

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the substance or the mixture by the supplier No chemical safety assessment has been carried out

### **SECTION 16: Other information**

### Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 453/2010.

Section	Changed item	Change	Comments
2.1	Classification according to Regulation (EC) No. 1272/2008	Added	
2.2	[CLP] EUH-statements	Modified	
2.2	Hazard statements (CLP)	Added	
2.2	Precautionary statements (CLP)	Added	

Abbreviations and acronyms:

Abbreviations an	d acronyms:		
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways		
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road		
ATE	Acute Toxicity Estimate		
BCF	Bioconcentration fa	actor	
CLP	Classification Labe	elling Packaging Regulation; Regulation (EC) No 1272/2008	
DMEL	Derived Minimal E	ffect level	
DNEL	Derived-No Effect	Level	
EC50	Median effective c	oncentration	
IARC	International Agen	cy for Research on Cancer	
ΙΑΤΑ	International Air Tr	International Air Transport Association	
IMDG	International Maritime Dangerous Goods		
LC50	Median lethal concentration		
LD50	Median lethal dose		
LOAEL	Lowest Observed Adverse Effect Level		
NOAEC	No-Observed Adverse Effect Concentration		
NOAEL	No-Observed Adverse Effect Level		
NOEC	No-Observed Effect Concentration		
OECD	Organisation for Economic Co-operation and Development		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006		
PNEC	Predicted No-Effect Concentration		
PBT	Persistent Bioaccumulative Toxic		
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail		
SDS	Safety Data Sheet		
vPvB	Very Persistent and Very Bioaccumulative		
Data sources		<ul> <li>REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.</li> </ul>	
Other information	า	: None.	
Full text of H- an	d EUH-statements:		
Acute Tox. 4 (C	Dral)	Acute toxicity (oral), Category 4	





Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1	
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4	
Asp. Tox. 1	Aspiration hazard, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Repr. 1B	Reproductive toxicity, Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1C	
Skin Sens. 1B	Skin sensitisation, category 1B	
H302	Harmful if swallowed	
H304	May be fatal if swallowed and enters airways	
H314	Causes severe skin burns and eye damage	
H317	May cause an allergic skin reaction	
H319	Causes serious eye irritation	
H360	May damage fertility or the unborn child	
H400	Very toxic to aquatic life	
H410	Very toxic to aquatic life with long lasting effects	
H412	Harmful to aquatic life with long lasting effects	
H413	May cause long lasting harmful effects to aquatic life	
EUH208	Contains . May produce an allergic reaction	

SDS EU (REACH Annex II)

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