

SAFETY DATA SHEET

OIL 9156

SECTION 1 IDENTIFICATION: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

1.1. Product identifier

Product Code(s): 06009156-M
 Product Code(s) (DE): - 57110000
 Product Code(s) (ES): - 124150
 Product Name OIL 9156
 Product Registration number
 Denmark -
 Norway -
 Sweden -
 EC # Pure substance/preparation Contains Reaction mass of 2-(2-(2-butoxyethoxy)ethoxy)ethanol and 3,6,9,12-tetraoxahexadecan-1-ol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use Corrosion inhibitor, Emulsifiable fluid
 Uses advised against Any other purpose.

Details of Supplier/Manufacturer

Company: Penske Power Systems
 Address: 488 Blackshaws Road, Altona North, Victoria 3025
 Phone: (03) 9243 9292
 Fax: (03) 9243 9271
 Website: www.penskeps.com

Emergency Telephone Numbers

All Hours: 1800 625 526
 Poisons Information:
 Australia: 13 11 26
 New Zealand: 0800 764 766

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Serious eye damage/eye irritation	Category 1 - (H318)
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Serious eye damage/eye irritation Category 1 - (H318)
 Contains Neutralised Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0), Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0)
 May produce an allergic reaction.

2.2. Label Elements

Contains Reaction mass of 2-(2-(2-butoxyethoxy)ethoxy)ethanol and 3,6,9,12-tetraoxahexadecan-1-ol



Signal Word

DANGER

Hazard Statements

H318 - Causes serious eye damage Contains Neutralised Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0), Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl)methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0) May produce an allergic reaction.

Precautionary Statements - EU (§28, 1272/2008)

P280 - Wear eye protection/ face protection

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P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P501 - Dispose of contents/ container to an approved waste disposal plant

2.3. Other hazards

No information available

- 0 % of the mixture consists of ingredient(s) of unknown acute oral toxicity
- 1.32985 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity
- 19.24272 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)
- 19.24272 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)
- 19.18783 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mis)

SECTION 3 COMPOSITION AND INFORMATION ON INGREDIENTS

3.1. Substances / 3.2. Mixtures

This product is a mixture. Health hazard information is based on its ingredients

Chemical Name	EC-No	CAS-No	Weight %	Classification (Reg. 1272/2008)	REACH Registration Number
Highly refined base oil (Viscosity >20.5 cSt @40°C)	-	-	25% - 50%	**	-
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	-	-	25% - 50%	Asp. Tox. 1 (H304) (EUH066)	-
Sulfonic acids, petroleum, sodium salts	271-781-5	68608-26-4	10% - 25%	Eye Irrit. 2 (H319)	01-2119527859-22-xxx x
Reaction mass of 2-(2-(2-butoxyethoxy)ethoxy) ethanol and 3,6,9,12-tetraoxahexadecan-1-ol	907-996-4	NOT AVAILABLE	2.5% - 10%	Eye Dam. 1 (H318)	01-2119531322-53-xxx x
2,2',2''-Nitrilotriethanol	203-049-8	102-71-6	2.5% - 10%	**	01-2119486482-31-xxx x
Neutralised Ethanol, 2,2'-[[[(methyl-1H-benzotriazo l-1-yl)methyl]imino]bis-(CAS: 80584-88-9; 80584-89-0)	916-907-8	88477-37-6*	0% - 1%	Skin Sens. 1 (H317) Acute Tox. 4 (H302) Aquatic Chronic 3 (H412)	no data available
Ethanol, 2,2'-[[[(methyl-1H-benzotriazo l-1-yl)methyl]imino]bis-(CAS: 80584-88-9; 80584-89-0)	916-907-8	88477-37-6	0% - 1%	Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302)	no data available

Additional information

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346 See Section 15 for additional information on base oils.

** Substances for which there are Community workplace exposure limits

Full text of H- and EUH-phrases: see section 16

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SECTION 4 FIRST AID MEASURES

4.1. Description of first-aid measures

General advice	Immediate medical attention is required. Do not get in eyes, on skin, or on clothing. May produce an allergic reaction.
Inhalation	Move to fresh air.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. May cause an allergic skin reaction. If symptoms persist, call a physician.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.
Ingestion	Clean mouth with water and afterwards drink plenty of water. Do not induce vomiting without medical advice.
Protection of First-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

4.2. Most important symptoms and effects, both acute and delayed

Main Symptoms Eye damage/irritation, May cause allergic skin reaction

4.3. Indication of immediate medical attention and special treatment needed

Notes to physician May cause sensitization of susceptible persons. Treat symptomatically.

SECTION 5 FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment: Use CO₂, dry chemical, or foam, Water spray or fog, Cool containers / tanks with water spray

Extinguishing media which shall not be used for safety reasons
Do not use a solid water stream as it may scatter and spread fire

5.2. Special hazards arising from the substance or mixture

Special Hazard

In the event of fire and/or explosion do not breathe fumes. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke). Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous Decomposition Products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide

5.3. Advice for firefighters

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Remove all sources of ignition. Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Advice for non-emergency personnel Evacuate personnel to safe areas. Material can create slippery conditions.

Advice for emergency responders For personal protection see section 8.

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6.2. Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.

6.3. Methods and materials for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dike to collect large liquid spills.

6.4. Reference to other sections

See Section 8/12/13 for additional information

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure adequate ventilation. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep at temperatures between 5 and 40 °C.

Recommended Shelf Life

Shelf life 12 months.

Incompatible Materials

Strong oxidizing agents, Strong acids, Strong bases

7.3. Specific end uses

Specific use(s)

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. Control parameters

Chemical Name	European Union	United Kingdom	France	Spain
Highly refined base oil (Viscosity >20.5 cSt @40°C)				VLA-EC: 10 mg/m ³ VLA-ED: 5 mg/m ³
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)				VLA-EC: 10 mg/m ³ VLA-ED: 5 mg/m ³
2,2',2''-Nitrilotriethanol				TWA: 5 mg/m ³

Chemical Name	Germany	Italy	Portugal	The Netherlands
2,2',2''-Nitrilotriethanol	MAK: 5 mg/m ³ Ceiling/ Peak: 20 mg/m ³		TWA: 5 mg/m ³	

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Chemical Name	Austria	Switzerland	Poland	Ireland
Highly refined base oil (Viscosity >20.5 cSt @40°C)	MAK: 5 mg/m ³ Ceiling / Peak: 20 mg/m ³			STEL: 10 mg/m ³ TWA: 5 mg/m ³ (Mist)
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)				STEL: 10 mg/m ³ TWA: 5 mg/m ³ (Mist)
2,2',2''-Nitrilotriethanol	STEL 1.6 ppm STEL 10 mg/m ³ MAK: 0.8 ppm MAK: 5 mg/m ³			TWA: 5 mg/m ³

Chemical Name	Finnland	Denmark	Norway	Sweden
Highly refined base oil (Viscosity >20.5 cSt @40°C)	TWA: 5mg/m ³ (Öljysumu)	TWA: 1 mg/m ³ (Olietåge)	TWA: 1 mg/m ³ (Oljetåke)	LLV: 1 mg/m ³ STV: 3 mg/m ³ (Oljedimma)
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	TWA: 5mg/m ³ (Öljysumu)	TWA: 1 mg/m ³ (Olietåge)	TWA: 1 mg/m ³ (Oljetåke)	LLV: 1 mg/m ³ STV: 3 mg/m ³ (Oljedimma)
2,2',2''-Nitrilotriethanol	TWA: 5 ppm	TWA: 0.5 ppm TWA: 3.1 mg/m ³	TWA: 5 mg/m ³ STEL: 10 mg/m ³	LLV: 5 mg/m ³ STV: 10 mg/m ³

Chemical Name	Czech Republic	Hungary	Bulgaria	Romania
2,2',2''-Nitrilotriethanol	Ceiling: 10 mg/m ³ TWA: 5 mg/m ³		TWA: 3.0 mg/m ³	

Hydrocarbon solvent vapor mixtures which do not have substance specific occupational exposure limits may be evaluated by the Reciprocal Calculation Procedure (RCP) which assigns a recommended occupational exposure limit based on the mass composition and hydrocarbon group guidance values (GGVs). Applicable recommended occupational exposure limits are shown in the table below.

Chemical Name	RCP OEL	Manufacturer
Distillates (petroleum), hydrotreated middle 64742-46-7	RCP: TWA 1200 mg/m ³ 143ppm	

Workers Systemic toxicity

Chemical Name	Long term -Oral exposure	Long term -Dermal exposure	Long term -Inhalation exposure	Short term -Oral Exposure	Short term -Dermal exposure	Short term -Inhalation exposure
Sulfonic acids, petroleum, sodium salts		3.33 mg/kg	0.66 mg/m ³			
Reaction mass of 2-(2-(2 butoxyethoxy)ethoxy) ethanol and 3,6,9,12- tetraoxahexadecan- 1- ol		50 mg/kg	195 mg/m ³			

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Workers Local effects

Consumers Systemic toxicity

Chemical Name	Long term -Oral exposure	Long term -Dermal exposure	Long term -Inhalation exposure	Short term -Oral Exposure	Short term -Dermal exposure	Short term -Inhalation exposure
Sulfonic acids, petroleum, sodium salts	0.8333 mg/kg	1.667 mg/kg	0.33 mg/m ³			
Reaction mass of 2-(2-(2- butoxyethoxy)ethoxy) ethanol and 3,6,9,12- tetraoxahexadecan- 1- ol	2.5 mg/kg	25 mg/kg	117 mg/m ³			

Consumers Local effects

Predicted No Effect Concentration (PNEC)

Chemical Name	Fresh water	Sea water	Fresh water sediment	Sea sediment	Soil
Sulfonic acids, petroleum, sodium salts	1 mg/L	1 mg/L	723500000 mg/kg	723500000 mg/kg	868700000 mg/kg
Reaction mass of 2-(2-(2- butoxyethoxy)ethoxy) ethanol and 3,6,9,12- tetraoxahexadecan- 1- ol	1.5 mg/L	0.15 mg/L	5.77 mg/kg	0.13 mg/kg	0.45 mg/kg

8.2. Exposure controls

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Eyewash stations.

Personal protective equipment

Eye Protection

Tightly fitting safety goggles. Eye protection must conform to standard EN 166.

Hand Protection

Protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion. Barrier creams may help to protect the exposed areas of skin, they should however not be applied once exposure has occurred.

Skin and body protection

Long sleeved clothing.

Respiratory protection

No special protective equipment required. In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.

Hygiene measures

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Environmental Exposure Controls No special environmental precautions required.

Thermal hazards None under normal use conditions

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SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state @20°C	liquid	Appearance	clear, brown
Odor	mineral oil	Odor Threshold	No information available

Property	Values	Note
pH	9.2	@2%
Melting Point / Freezing Point	No information available	
Boiling point/boiling range	No information available	
Flash point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air	No information available	
upper flammability limit	No information available	
Lower flammability limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Relative density	940	kg/m ³ @20°C
Solubility(ies)	Water solubility: Emulsifies	
Partition coefficient: n-octanol/water	Not Applicable	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity, kinematic	> 30 mm ² /s @ 40 °C	
Explosive properties	Not Applicable	
Oxidizing Properties	Not Applicable	

9.2 Other information

Viscosity, kinematic (100°C)	No information available
Pour point	No information available
VOC Content (ASTM E-1868-10)	No information available
VOC Content	No information available

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

None under normal use conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

None under normal use conditions

10.4. Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition

10.5. Incompatible Materials

Strong oxidizing agents, Strong acids, Strong bases

10.6. Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide and carbon dioxide.

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SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Product Information - Principle Routes of Exposure

Inhalation	None known
Eye contact	May result in permanent damage including blindness
Skin contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons
Ingestion	None known

Acute toxicity - Product Information

Product does not present an acute toxicity hazard based on known information.

Acute toxicity - Component Information

Chemical Name	LD50 Oral (Rat)	LD50 Dermal (Rat/Rabbit)	LC50 Inhalation
Highly refined base oil (Viscosity >20.5 cSt @40°C)	>2000 mg/kg	>2000 mg/kg	
Highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C)	>2000 mg/kg	>2000 mg/kg	
Sulfonic acids, petroleum, sodium salts	>6000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	
Reaction mass of 2-(2-(2-butoxyethoxy)ethoxy) ethanol and 3,6,9,12-tetraoxahexadecan-1-ol	>5170 mg/kg (Rat)	3540 mg/kg (Rabbit)	
2,2',2''-Nitrilotriethanol		> 16 mL/kg (Rat) > 2000 mg/kg (Rabbit)	
Neutralised Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl) methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0)	1472 mg/kg (Rat)		
Ethanol, 2,2'-[[[(methyl-1H-benzotriazol-1-yl) methyl]imino]bis- (CAS: 80584-88-9; 80584-89-0)	1472 mg/kg (Rat)		

Skin corrosion/irritation	None known.
Serious eye damage/eye irritation	Causes severe eye damage.
Sensitization	
Respiratory Sensitization	None known.
Skin sensitization	May cause an allergic skin reaction.
Germ Cell Mutagenicity	None known.
Carcinogenicity	None known.
Reproductive toxicity	None known.
Specific target organ systemic toxicity (single exposure)	None known.
Specific target organ systemic toxicity (repeated exposure)	None known.
Aspiration hazard	None known.

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SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No special environmental measures are necessary

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates
Sulfonic acids, petroleum, sodium salts	>100: 72 h Desmodesmus subspicatus mg/L EC50			
Reaction mass of 2-(2-(2-butoxyethoxy)ethoxy) ethanol and 3,6,9,12-tetraoxahexadecan-1-ol		2200 - 4600: 96 h Leuciscus idus mg/L LC50		>500: 48 h Daphnia magna mg/L EC50
2,2',2''-Nitrilotriethanol	216: 72 h Desmodesmus subspicatus mg/L EC50 169: 96 h Desmodesmus subspicatus mg/L EC50	10600-13000: 96 h Pimephales promelas mg/L LC50 flow-through 1000: 96h Pimephales promelas mg/L LC50 static 450-1000: 96 h Lepomis macrochirus mg/L LC50 static		1386: 24 h Daphnia magna mg/L EC50
Neutralised Ethanol, 2,2'-[[[(methyl-1H-benzotriazo l-1-yl)methyl]imino]bis-(CAS: 80584-88-9; 80584-89-0)	45.9: 8 d Scenedesmus subspicatus mg/L EC50	134.2: 96 h Brachydanio rerio mg/L LC50		83: 48 h Daphnia magna mg/L EC50
Ethanol, 2,2'-[[[(methyl-1H-benzotriazo l-1-yl)methyl]imino]bis-(CAS: 80584-88-9; 80584-89-0)	45.9: 8 d Scenedesmus subspicatus mg/L EC50	134.2: 96 h Brachydanio rerio mg/L LC50		83: 48 h Daphnia magna mg/L EC50

12.2. Persistence and degradability

The product is not readily biodegradable, but it can be degraded by micro-organisms, it is regarded as being inherently biodegradable.

12.3. Bioaccumulative potential

Chemical Name	log Pow
2,2',2''-Nitrilotriethanol	-2.53

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

This preparation contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).



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12.6. Other adverse effects

None known

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste from Residues / Unused Products
Contaminated packaging

Dispose of as hazardous waste in compliance with local and national regulations
Empty containers should be taken to an approved waste handling site for recycling or disposal. Observe all label precautions until container is cleaned, reconditioned or destroyed.

Other Data

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

SECTION 14 TRANSPORT INFORMATION

14.1. UN-Number

Not regulated

14.2. UN proper shipping name

Not regulated

14.3. Transport hazard class

Not regulated

14.4. Packing group

Not regulated

14.5. Environmental Hazards

None

14.6. Special precautions for users

None

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

IMDG/IMO Not regulated

ADR/RID Not regulated

ICAO/IATA Not regulated

SECTION 15 REGULATORY INFORMATION

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

The Classification, Labeling and Packaging of Substances and Mixtures (CLP) Regulation (EC 1272/2008)
Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

Statutory Instruments: Control of Substances Hazardous to Health Regulations 2002. Chemicals (Hazard Information and Packaging) Regulations 2009.

Acts of Parliament: The Health and Safety at Work etc. Act 1974. Environment Protection Act 1990.

Regulation on classification, labeling, of hazardous chemicals (2002 changing 2005). Appendix VI to

Regulation on classification, labeling etc. of hazardous chemicals (2002 changing 2010), list of hazardous

substances (as amended). Guidelines for submission and declaration of hazardous waste (2009). Transport

of dangerous goods: ADR, RID, IMDG and IATA. Administrative norms for pollution of the atmosphere, 2009.

Workplace exposure limits (EH40)

WGK Classification

Hazard to water/Class 2

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The highly refined base oil (Viscosity >20.5 cSt @40°C) contains one or more substance with the following CAS/EC numbers/REACH registration numbers:

Chemical Name	CAS-No	EC-No	REACH Registration Number
Lubricating oils (petroleum), C24-50, solvent-extd., dewaxed, hydrogenated	101316-72-7	309-877-7	01-2119489969-06-xxxx
Lubricating oils (petroleum), used, noncatalytically refined	101316-73-8	309-878-2	02-2119822310-56-xxxx
Distillates (petroleum), solvent-refined heavy paraffinic	101316-73-8	265-090-8	
Residual oils (petroleum), solvent-refined	64742-01-4	265-101-6	01-2119488707-21-xxxx
Extracts (petroleum), residual oil solvent	64742-10-5	265-110-5	01-2119488175-30-xxxx
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	265-155-0	01-2119467170-45-xxxx
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6	
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1	01-2119484627-25-xxxx
Residual oils (petroleum), hydrotreated	64742-57-0	265-160-8	01-2119489287-22-xxxx
Lubricating oils (petroleum), hydrotreated spent	64742-58-1	265-161-3	
Residual oils (petroleum), solvent-dewaxed	64742-62-7	265-166-0	01-2119480472-38-xxxx
Distillates (petroleum), solvent-dewaxed heavy, paraffinic	64742-65-0	265-169-7	01-2119471299-27-xxxx
Paraffin oils (petroleum), catalytic dewaxed heavy	64742-70-7	265-174-4	01-2119487080-42-xxxx
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	276-737-9	01-2119474878-16-xxxx
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	72623-87-1	276-738-4	01-2119474889-13-xxxx
Lubricating oils	74869-22-0	278-012-2	
Paraffin oils	8012-95-1	232-384-2	
White mineral oil (petroleum)	8042-47-5	232-455-8	01-2119487078-27-xxxx
C18-C50 branched, cyclic and linear hydrocarbons – Distillates	848301-69-9	482-220-0	01-0000020163-82-xxxx

The highly refined, low viscosity mineral oils/hydrocarbons (Viscosity >7 - <20.5 cSt @40°C) contains one or more substance with the following CAS/EC numbers/REACH registration numbers:

Chemical Name	CAS-No	EC-No	REACH Registration Number
Distillates (petroleum), straight-run middle	64741-44-2	265-044-7	
Distillates (petroleum), heavy hydrocracked	64741-76-0	265-077-7	01-2119486951-26-xxxx
Distillates (petroleum), solvent-refined light paraffinic	64741-89-5	265-091-3	01-2119487067-30-xxxx
Distillates (petroleum), hydrotreated middle	64742-46-7	265-148-2	01-2119459347-30-xxxx
Distillates (petroleum), hydrotreated middle	64742-46-7	934-956-3	01-2119827000-58-xxxx
Distillates (petroleum), hydrotreated light	64742-47-8	265-149-8	01-2119456620-43-xxxx
Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6	01-2119480375-34-xxxx
Distillates (petroleum), hydrotreated heavy paraffinic	64742-54-7	265-157-1	01-2119484627-25-xxxx
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	265-158-7	01-2119487077-29-xxxx
Distillates, petroleum, solvent-dewaxed light paraffinic	64742-56-9	265-159-2	01-2119480132-48-xxxx
Distillates (petroleum), solvent-dewaxed heavy, paraffinic	64742-65-0	265-169-7	01-2119471299-27-xxxx

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Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	265-176-5	
Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based	72623-86-0	276-737-9	01-2119474878-16-xxxx
Lubricating oils (petroleum), C20-C50, hydrotreated neutral oil-based	72623-87-1	276-738-4	01-2119474889-13-xxxx
White mineral oil (petroleum)	8042-47-5	232-455-8	01-2119487078-27-xxxx
C18-C50 branched, cyclic and linear hydrocarbons – Distillates	848301-69-9	482-220-0	01-0000020163-82-xxxx
Hydrocarbons, C14-C19, isoalkanes, cyclics, <2% aromatics	NOT AVAILABLE	920-114-2	01-2119459347-30-xxxx

15.2. Chemical Safety Assessment

No information available

SECTION 16 OTHER INFORMATION

Key or legend to abbreviations and acronyms used in the safety data sheet

- Repr.-Reproduction toxicity
- Asp. Tox. - Aspiration Toxicity
- Acute Tox. - Acute Toxicity
- Aquatic Acute - Acute Aquatic Toxicity
- Aquatic Chronic - Chronic Aquatic Toxicity
- Eye Dam. - Eye Damage
- Eye Irrit. - Eye Irritation
- Skin Corr. - Skin Corrosion
- Skin Irrit. - Skin Irritation
- Skin Sens. - Skin Sensitizer
- Resp. Sens. - Respiratory Sensitizer
- STOT SE - Specific target organ systemic toxicity (Single exposure)
- STOT RE - Specific target organ systemic toxicity (repeated exposure)
- VOC - Volatile organic compounds

Full text of H-Statements referred to under sections 2 and 3

<ul style="list-style-type: none"> • H224 - Extremely flammable liquid and vapor • H225 - Highly flammable liquid and vapor • H226 - Flammable liquid and vapor • H270 - May cause or intensify fire; oxidizer • H271 - May cause fire or explosion; strong oxidizer • H272 - May intensify fire; oxidizer • H290 - May be corrosive to metals • H300 - Fatal if swallowed • H301 - Toxic if swallowed • H302 - Harmful if swallowed • H304 - May be fatal if swallowed and enters airways • H310 - Fatal in contact with skin • H311 - Toxic in contact with skin • H312 - Harmful in contact with skin • H314 - Causes severe skin burns and eye damage • H315 - Causes skin irritation • H317 - May cause an allergic skin reaction • H318 - Causes serious eye damage • H319 - Causes serious eye irritation 	<ul style="list-style-type: none"> • H341 - Suspected of causing genetic defects • H350 - May cause cancer • H351 - Suspected of causing cancer • H360 - May damage fertility or the unborn child • H361 - Suspected of damaging fertility or the unborn child • H362 - May cause harm to breast-fed children • H370 - Causes damage to organs • H371 - May cause damage to organs • H372 - Causes damage to organs through prolonged or repeated exposure • H373 - May cause damage to organs through prolonged or repeated exposure • H400 - Very toxic to aquatic life • H410 - Very toxic to aquatic life with long lasting effects • H411 - 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 • H360Df - May damage the unborn child. Suspected of damaging fertility • H360D - May damage the unborn child • H360FD - May damage fertility. May damage the unborn child
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SAFETY DATA SHEET

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<ul style="list-style-type: none">• H330 - Fatal if inhaled• H331 - Toxic if inhaled• H332 - Harmful if inhaled• H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled• H335 - May cause respiratory irritation• H336 - May cause drowsiness or dizziness• H340 - May cause genetic defects	<ul style="list-style-type: none">• H360F - May damage fertility• H361d - Suspected of damaging the unborn child• H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child• H361f - Suspected of damaging fertility• EUH066 - Repeated exposure may cause skin dryness or cracking• EUH210 - Safety data sheet available on request• EUH208 - May produce an allergic reaction
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Exposure scenario
No information available

Revision Date: 09-14-2015

Revision Note

Disclaimer

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