

# SAFETY DATA SHEET

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Trade name or designation of the mixture Special Switch Oil

Registration number -

Synonyms None.

Product code 2521

Issue date 11-December-2012

Version number 01

Revision date -

Supersedes date -

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

Identified uses Use as functional fluids; use in electrical applications.

Uses advised against None known.

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

Company name -

Address -

Telephone -

e-mail -

Contact person -

Emergency telephone number -

#### Supplier

Company name Electrical Oil Services Ltd.

Address PO Box 79 Bridges Road, Stanlow, Ellesmere Port, Cheshire

Telephone 0845 602 1003

e-mail sales@eosl.co.uk

Contact person Tony O'Regan

Emergency telephone number 0845 602 1003

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

#### Classification according to Directive 67/548/EEC or 1999/45/EC as amended

Classification Xn;R20-65, Xi;R38, N;R51/53

The full text for all R-phrases is displayed in section 16.

#### Classification according to Regulation (EC) No 1272/2008 as amended

##### Health hazards

Acute toxicity, inhalation Category 4

Skin corrosion/irritation Category 2

Aspiration hazard Category 1

H332 - Harmful if inhaled.

H315 - Causes skin irritation.

H304 - May be fatal if swallowed and enters airways.

##### Environmental hazards

Hazardous to the aquatic environment, long-term aquatic hazard Category 2

H411 - Toxic to aquatic life with long lasting effects.

#### Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Harmful by inhalation. Irritating to skin. Harmful: may cause lung damage if swallowed.

Environmental hazards Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Specific hazards**

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Skin irritation.

**Main symptoms**

Direct contact with eyes may cause temporary irritation.

**2.2. Label elements****Label according to Regulation (EC) No. 1272/2008 as amended****Contains:**

Distillate (Petroleum), severely Hydrotreated Light Naphthenic, Distillate (petroleum) hydrotreated middle

**Hazard pictograms****Signal word**

Danger

**Hazard statements**

H332 - Harmful if inhaled.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H411 - Toxic to aquatic life with long lasting effects.

**Precautionary statements****Prevention**

P271 - Use only outdoors or in a well-ventilated area.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician.  
P331 - Do NOT induce vomiting.

**Storage**

P405 - Store locked up.

**Disposal**

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

**Supplemental label information**

Not applicable.

**2.3. Other hazards**

Not a PBT or vPvB substance or mixture.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Distillate (Petroleum), severely Hydrotreated Light Naphthenic	35 - 75	64742-53-6 265-156-6	-	649-466-00-2	
<b>Classification:</b>	<b>DSD:</b> -				
	<b>CLP:</b> Asp. Tox. 1;H304				
Distillate (petroleum) hydrotreated middle	25 - 45	64742-46-7 265-148-2	-	649-221-00-X	
<b>Classification:</b>	<b>DSD:</b> Xn;R20-65, Xi;R38, N;R51/53				
	<b>CLP:</b> Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin Irrit. 2;H315, Acute Tox. 4;H332, Aquatic Chronic 2;H411				

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

#: This substance has been assigned Community workplace exposure limit(s).

**Composition comments**

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume. The full text for all R- and H-phrases is displayed in section 16.

**SECTION 4: First aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible). Show this safety data sheet to the doctor in attendance. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**4.1. Description of first aid measures****Inhalation**

If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration or give oxygen by trained personnel. Call a physician if symptoms develop or persist.

**Skin contact**

Wash off with soap and water. Remove contaminated clothing. Get medical attention if irritation develops and persists.

<b>Eye contact</b>	Flush eyes immediately with large amounts of water. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Aspiration may cause pulmonary oedema and pneumonitis.
<b>4.2. Most important symptoms and effects, both acute and delayed</b>	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. Skin irritation.
<b>4.3. Indication of any immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

## SECTION 5: Firefighting measures

<b>General fire hazards</b>	This product is not flammable.
<b>5.1. Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Water fog. Foam. Carbon dioxide (CO2). Powder.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>5.2. Special hazards arising from the substance or mixture</b>	Closed containers can burst violently when heated, due to excess pressure build-up.
<b>5.3. Advice for firefighters</b>	
<b>Special protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Special fire fighting procedures</b>	Move containers from fire area if you can do so without risk. Use water spray to keep fire-exposed containers cool. Water runoff can cause environmental damage. Prevent runoff from fire control or dilution from entering streams, sewers or drinking water supply.

## SECTION 6: Accidental release measures

<b>6.1. Personal precautions, protective equipment and emergency procedures</b>	
<b>For non-emergency personnel</b>	Keep unnecessary personnel away. Local authorities should be advised if significant spillages cannot be contained. Keep people away from and upwind of spill/leak. Ensure adequate ventilation.
<b>For emergency responders</b>	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.
<b>6.2. Environmental precautions</b>	Do not allow to enter drains, sewers or watercourses.
<b>6.3. Methods and material for containment and cleaning up</b>	Remove sources of ignition. Prevent product from entering drains.  Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills in original containers for re-use.
<b>6.4. Reference to other sections</b>	For waste disposal, see section 13. See Section 8 for personal protective equipment.

## SECTION 7: Handling and storage

<b>7.1. Precautions for safe handling</b>	Avoid prolonged exposure. Wear appropriate personal protective equipment (See Section 8). Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Do not empty into drains. Avoid release to the environment.
<b>7.2. Conditions for safe storage, including any incompatibilities</b>	Store locked up. Store away from incompatible materials.
<b>7.3. Specific end use(s)</b>	Use as functional fluids; use in electrical applications.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

**Occupational exposure limits****Belgium. Exposure Limit Values.**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Bulgaria. OELs. Regulation No 13 on protection of workers against risks of exposure to chemical agents at work**

Components	Type	Value
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	5 mg/m3
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	5 mg/m3

**Czech Republic. OELs. Government Decree 361**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	Ceiling	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

**Denmark. Exposure Limit Values**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TLV	1 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TLV	1 mg/m3	Mist.

**Greece. OELs (Decree No. 90/1999, as amended)**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	5 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Mist.

**Hungary. OELs. Joint Decree on Chemical Safety of Workplaces**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	Ceiling	5 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	Ceiling	5 mg/m3	Mist.

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	1 mg/m3	Mist.

**Iceland. OELs. Regulation 154/1999 on occupational exposure limits**

Components	Type	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	1 mg/m3	Mist.

**Ireland. Occupational Exposure Limits**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	0,2 mg/m3	Inhalable fraction.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	0,2 mg/m3	Inhalable fraction.

**Italy. OELs**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	5 mg/m3	Inhalable fraction.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Inhalable fraction.

**Lithuania. OELs. Limit Values for Chemical Substances, General Requirements (Hygiene Norm HN 23:2007)**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	3 mg/m3	Fume and mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	1 mg/m3	Fume and mist.
	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.

**Netherlands. OELs (binding)**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	5 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	5 mg/m3	Mist.

**Norway. Administrative Norms for Contaminants in the Workplace**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TLV	1 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TLV	1 mg/m3	Mist.

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

**Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in Working Environment**

Components	Type	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

**Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol

**Romania. OELs. Protection of workers from exposure to chemical agents at the workplace**

Components	Type	Value
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3
	TWA	5 mg/m3
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	10 mg/m3
	TWA	5 mg/m3

**Slovakia. OELs. Decree of the government of the Slovak Republic concerning protection of health in work with chemical agents**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	TWA	1 mg/m3	Fume and mist.
		5 ppm	Fume and mist.

**Spain. Occupational Exposure Limits**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

**Sweden. Occupational Exposure Limit Values**

Components	Type	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	STEL	3 mg/m3	Mist.
	TWA	1 mg/m3	Mist.
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	STEL	3 mg/m3	Mist.



## Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
	TWA	1 mg/m <sup>3</sup>	Mist.
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).		
<b>Recommended monitoring procedures</b>	Follow standard monitoring procedures.		

### Derived no-effect level (DNEL)

Components	Type	Route	Value	Form
Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)	Workers	Dermal	2,9 mg/kg/day	Long-term - systemic effects
		Inhalation	16 mg/m <sup>3</sup>	Long-term - systemic effects
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	Workers	Inhalation	5,4 mg/m <sup>3</sup> /8h	Long term exposure - local effects

### Predicted no effect concentrations (PNECs)

Components	Type	Route	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)	Oral	Oral	9,33 mg/kg	

## 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

### Individual protection measures, such as personal protective equipment

<b>General information</b>	Personal protective equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
- <b>Hand protection</b>	Wear protective gloves. PVC gloves are recommended. Suitable gloves can be recommended by the glove supplier.
- <b>Other</b>	Normal work clothing (long sleeved shirts and long pants) is recommended.
<b>Respiratory protection</b>	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
<b>Thermal hazards</b>	When material is heated, wear gloves to protect against thermal burns.

**Hygiene measures** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**Environmental exposure controls** Contain spills and prevent releases and observe national regulations on emissions. Environmental manager must be informed of all major releases.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Amber liquid.
<b>Physical state</b>	Liquid.
<b>Form</b>	Liquid.
<b>Colour</b>	Amber.
<b>Odour</b>	Mild.
<b>Odour threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	> 250 °C (> 482 °F)
<b>Flash point</b>	< 100 °C (< 212 °F) Pensky-Martens Closed Cup
<b>Evaporation rate</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.

Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	< 1 (20 °C)
Solubility(ies)	Insoluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	> 250 °C (> 482 °F)
Decomposition temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not available.
Oxidizing properties	Not available.
9.2. Other information	IP346 method DMSO extract for base oil substances: <3.0%.
Kinematic viscosity	7,2 cSt (40 °C)
Pour point	< -36

## SECTION 10: Stability and reactivity

10.1. Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
10.4. Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Carbon monoxide. Carbon dioxide. Sulfur oxides (SOx.).

## SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
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### Information on likely routes of exposure

Ingestion	May be fatal if swallowed and enters airways.
Inhalation	Harmful if inhaled.
Skin contact	Causes skin irritation.
Eye contact	May cause eye irritation on direct contact.

Symptoms	Direct contact with eyes may cause temporary irritation.
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### 11.1. Information on toxicological effects

Acute toxicity	Harmful if inhaled. May be fatal if swallowed and enters airways.
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Components	Species	Test results
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Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)

<b>Acute</b>		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg
<i>Inhalation</i>		
LC50	Rat	> 5 mg/l
<i>Oral</i>		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitisation	Not classified.
Skin sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.



<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.
<b>Mixture versus substance information</b>	Not available.
<b>Other information</b>	No other specific acute or chronic health impact noted.

## SECTION 12: Ecological information

**12.1. Toxicity** Toxic to aquatic life with long lasting effects.

Components		Species	Test results
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)			
Aquatic			
Crustacea	EL50	Daphnia magna	> 10000 mg/l, 48 hours
	NOEL	Daphnia magna	> 1000 mg/l, 48 hours
			> 10 mg/l, 21 days

**12.2. Persistence and degradability** The product is expected to be biodegradable.

**12.3. Bioaccumulative potential** Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**Partition coefficient n-octanol/water (log Kow)** Not available.

**Bioconcentration factor (BCF)** Not available.

**12.4. Mobility in soil** The product is insoluble in water.

**12.5. Results of PBT and vPvB assessment** Not a PBT or vPvB substance or mixture.

**12.6. Other adverse effects** Spills of this product are generally hazardous to the environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Residual waste</b>	Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal.
<b>EU waste code</b>	13 08 99* The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
<b>Disposal methods/information</b>	Do not discharge into drains, water courses or onto the ground. This material and its container must be disposed of as hazardous waste. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 14: Transport information

<b>ADR</b>	
<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Distillate (petroleum) hydrotreated middle)
<b>14.3. Transport hazard class(es)</b>	9
<b>Subsidiary class(es)</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Yes
<b>Tunnel restriction code</b>	E
<b>Labels required</b>	9
<b>14.6. Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>RID</b>	
<b>14.1. UN number</b>	UN3082
<b>14.2. UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Distillate (petroleum) hydrotreated middle)
<b>14.3. Transport hazard class(es)</b>	9
<b>Subsidiary class(es)</b>	-
<b>14.4. Packing group</b>	III
<b>14.5. Environmental hazards</b>	Yes
<b>Labels required</b>	9

**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### ADN

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally Hazardous Liquid, N.o.s. (Distillate (petroleum) hydrotreated middle)  
**14.3. Transport hazard class(es)** 9  
**Subsidiary class(es)** -  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**Labels required** 9  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IATA

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Distillate (petroleum) hydrotreated middle)  
**14.3. Transport hazard class(es)** 9  
**Subsidiary class(es)** -  
**14.4. Packing group** III  
**14.5. Environmental hazards** Yes  
**Labels required** 9  
**ERG Code** 9L  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

#### IMDG

**14.1. UN number** UN3082  
**14.2. UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (Distillate (petroleum) hydrotreated middle)  
**14.3. Transport hazard class(es)** 9  
**Subsidiary class(es)** -  
**14.4. Packing group** III  
**14.5. Environmental hazards**  
**Marine pollutant** Yes  
**Labels required** 9  
**EmS** F-A, S-F  
**14.6. Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

#### EU regulations

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended**

Not listed.

**Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry**

Not listed.

**Regulation (EC) No. 1907/2006, REACH Article 59(1) Candidate List as currently published by ECHA**

Not listed.

**Authorisations**

**Regulation (EC) No. 143/2011 Annex XIV Substances Subject to Authorisation**

Not listed.

**Restrictions on use**

**Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended**

Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)

Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)

**Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work**

Not regulated.

**Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding**

Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)

Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)

**Other EU regulations**

**Directive 96/82/EC (Seveso II) on the control of major-accident hazards involving dangerous substances**

Not regulated.

**Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work**

Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)

Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)

**Directive 94/33/EC on the protection of young people at work**

Distillate (petroleum) hydrotreated middle (CAS 64742-46-7)

Distillate (Petroleum), severely Hydrotreated Light Naphthenic (CAS 64742-53-6)

**Other regulations**

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended and respective national laws implementing EC directives. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006 as amended.

**National regulations**

Follow national regulation for work with chemical agents.

**15.2. Chemical safety assessment**

No Chemical Safety Assessment has been carried out.

**SECTION 16: Other information**

**List of abbreviations**

CLP: Regulation No. 1272/2008.  
DSD: Directive 67/548/EEC.  
DNEL: Derived No-Effect Level.  
PNEC: Predicted No-Effect Concentration.  
PBT: Persistent, bioaccumulative and toxic.  
vPvB: Very Persistent and very Bioaccumulative.

**References**

REACH Registration;  
EC 265-156-6; 01-2119480375-34-0012.  
EC 265-148-2; 01-2119489867-12-0004.

**Information on evaluation method leading to the classification of mixture**

The mixture is classified based on test data for physical hazards. The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available. For details, refer to Sections 9, 11 and 12.

**Full text of any statements or R-phrases and H-statements under Sections 2 to 15**

R20 Harmful by inhalation.  
R38 Irritating to skin.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65 Harmful: may cause lung damage if swallowed.  
H226 - Flammable liquid and vapour.  
H304 - May be fatal if swallowed and enters airways.  
H315 - Causes skin irritation.  
H332 - Harmful if inhaled.  
H411 - Toxic to aquatic life with long lasting effects.

**Training information**

Follow training instructions when handling this material.

**Disclaimer**

The information in the sheet was written based on the best knowledge and experience currently available.

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