EOS BLECTRICA DISERVICES LTD The Composite Solution

SAFETY DATA SHEET

Section 1: Identification of the substance/mixture and of the company/undertaking

Product identifier

Trade name or designation

UNUSED INSULATING OIL

of the mixture

Registration number -

SynonymsNone.SDS number2512/01Product code2512

Date of first issue 10-January-2012

Version number 0
Revision date Supersedes date -

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

Identified uses Electrical insulating oil; Insulating oil within transformers

Uses advised against None known.

Details of the supplier of the safety data sheet

Supplier

Company name Electrical Oil Services Ltd.

Address PO Box 79, Bridges Road, Standlow, Ellesmere Port, Cheshire, CH66 2YZ

Telephone0845 602 1003e-mailsales@eosl.co.ukContact personTony O'ReganEmergency telephone0845 602 1003

number

Section 2: Hazards identification

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

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

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

Health hazards

Aspiration hazard Category 1 May be fatal if swallowed and

enters airways.

Hazard summary

Physical hazards Not classified for physical hazards.

Health hazards Not classified for health hazards.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia.

Main symptoms Direct contact with eyes may cause temporary irritation.

Label elements

Label according to Regulation (EC) No. 1272/2008 as amended



Signal word Danger

Hazard statements May be fatal if swallowed and enters airways.

Precautionary statements

Prevention Use personal protective equipment as required.

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Response IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Do NOT induce

vomiting.

Storage Store locked up.

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

Supplemental label information No

Other hazards Not assigned.

Section 3: Composition/information on ingredients

Mixture

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Distillate (Petroleum), severely Hydrotreated Light Naphthenic	80 - 95	64742-53-6 265-156-6	01-2119480375-34-xxxx	649-466-00-2	#
Classification: DSD	: -				
CLP	Asp. Tox. 1;H30	4			
Distillates (petroleum), hydrotre heavy paraffinic	ated 0 - 10	64742-54-7 265-157-1	. 6	649-467-00-8	#
Classification: DSD	: Xn;R65				
CLP	Asp. Tox. 1;H30	4			
Distillates (petroleum), solvent- heavy naphthenic	refined 0 - 10	64741-96-4 265-097-6	-	649-457-00-3	#
Classification: DSD	: Xn;R65				
CLP	Asp. Tox. 1;H30	4			
Distillates (petroleum), solvent- light paraffinic	refined 0 - 10	64741-89-5 265-091-3	-	649-455-00-2	#
Classification: DSD	: Xn;R65				

CLP: Regulation No. 1272/2008. DSD: Directive 67/548/EEC.

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

Composition comments

All concentrations

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.

Description of first aid measures

Inhalation Move to fresh air. Call a physician if symptoms develop or persist.

Asp. Tox. 1;H304

Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact 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.

Ingestion 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.

Most important symptoms and effects, both acute and delayed

Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious

chemical pneumonia. Direct contact with eyes may cause temporary irritation.

Indication of any immediate medical attention and special treatment needed

Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

Section 5: Firefighting measures

General fire hazards This product is not flammable

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Extinguishing media

Suitable extinguishing

media

Water fog. Foam. Carbon dioxide (CO2). Dry powder.

Unsuitable extinguishing

media

Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Closed containers can burst violently when heated, due to excess pressure build-up.

Advice for firefighters

Special protective equipment for firefighters

Firefighters should wear full protective clothing including self contained breathing apparatus.

Special firefighting

Special firefighting procedures

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

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

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.

For emergency responders

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions

containment and cleaning up

Methods and material for

Do not allow to enter drains, sewers or watercourses.

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.

Reference to other sections

For personal protection, see section 8. For waste disposal, see section 13.

Section 7: Handling and storage

Precautions for safe handling

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.

Conditions for safe storage, including any incompatibilities

Store locked up. Store away from incompatible materials.

Specific end use(s)

Electrical insulating oil; Insulating oil within transformers.

Section 8: Exposure controls/personal protection

Control parameters

Occupational exposure limits

Belgium. Exposure Limit Values.

Beigiani. Exposure Emili Values.				
Components	Туре	Value	Form	
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	STEL	10 mg/m3	Mist.	
	TWA	5 mg/m3	Mist.	

Components	n protection of workers against Type	Value	
Distillate (Petroleum), severely Hydrotreated Light	TWA	5 mg/m3	
Naphthenic (64742-53-6) Distillates (petroleum), nydrotreated heavy	TWA	5 mg/m3	
paraffinic (64742-54-7) Distillates (petroleum), olvent-refined heavy	TWA	5 mg/m3	
aphthenic (64741-96-4) Distillates (petroleum), olvent-refined light	TWA	5 mg/m3	
paraffinic (64741-89-5)			
Czech Republic. OELs. Governmen		Walne	
Components	Type	Value	Form
Distillates (petroleum), nydrotreated heavy paraffinic (64742-54-7)	Ceiling	10 mg/m3	Aerosol
	TWA	5 mg/m3	Aerosol
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	Ceiling	1000 mg/m3	
	TWA	200 mg/m3	
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	Ceiling	10 mg/m3	Aerosol
Denmark. Exposure Limit Values	TWA	5 mg/m3	Aerosol
Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TLV	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TLV	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy haphthenic (64741-96-4)	TLV	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	TLV	1 mg/m3	Mist.
Greece. OELs (Decree No. 90/1999,	as amended)		
Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	5 mg/m3	Mist.
Distillates (petroleum), nydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), colvent-refined heavy paphthenic (64741-96-4)	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	TWA	5 mg/m3	Mist.
Hungary. OELs. Joint Decree on Ch Components	nemical Safety of Workplaces Type	Value	Form
Distillate (Petroleum), severely Hydrotreated Light	Ceiling	5 mg/m3	Mist.
Naphthenic (64742-53-6) Distillates (petroleum), hydrotreated heavy Daraffinic (64742-54-7)	Ceiling	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy haphthenic (64741-96-4)	Ceiling	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	Ceiling	5 mg/m3	Mist.

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Iceland. OELs. Regulation 154/1999 on o Components	ccupational exposure limits Type	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	1 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	TWA	1 mg/m3	Mist.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	TWA	1 mg/m3	Mist.
Ireland. Occupational Exposure Limits			
Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	TWA	0,2 mg/m3	Inhalable fraction.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	TWA	0,2 mg/m3	Inhalable fraction.
Italy. OELs Components	Туре	Value	Form
Distillate (Petroleum),	TWA	5 mg/m3	Inhalable fraction.
severely Hydrotreated Light Naphthenic (64742-53-6) Distillates (petroleum),	TWA	5 mg/m3	Inhalable fraction.
hydrotreated heavy paraffinic (64742-54-7) Distillates (petroleum), solvent-refined heavy	TWA	5 mg/m3	Inhalable fraction.
naphthenic (64741-96-4) Distillates (petroleum), solvent-refined light	TWA	5 mg/m3	Inhalable fraction.
paraffinic (64741-89-5)			
Lithuania. OELs. Limit Values for Chemic Components	ical Substances, General Req Type	uirements (Hygiene No Value	rm HN 23:2007) Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	STEL	3 mg/m3	Fume and mist.
	TWA	1 mg/m3	Fume and mist.
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	STEL	3 mg/m3	Fume and mist.
Notherlande OFL a /hindings	TWA	1 mg/m3	Fume and mist.
Netherlands. OELs (binding) Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	5 mg/m3	Mist.
Distillates (petroleum), hydrotreated heavy paraffinic (64742-54-7)	TWA	5 mg/m3	Mist.
Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4)	TWA	5 mg/m3	Mist.

Netherlands. OELs (binding) Components	Туре	Value	Form
Distillates (petroleum),	TWA	5 mg/m3	Mist.
olvent-refined light araffinic (64741-89-5)			
lorway. Administrative Norms for C	ontaminants in the Worknia	CO	
Components	оптання по тые ччоткріа Туре	Value	Form
Distillate (Petroleum),	TLV	1 mg/m3	Mist.
severely Hydrotreated Light Naphthenic (64742-53-6)			
Distillates (petroleum),	TLV	1 mg/m3	Mist.
ydrotreated heavy		· ·	
paraffinic (64742-54-7) Distillates (petroleum),	TLV	1 mg/m3	Mist.
olvent-refined heavy	ILV	T Highiio	Wildt.
naphthenic (64741-96-4)	TIV	4 0	N 4:-4
Distillates (petroleum), solvent-refined light	TLV	1 mg/m3	Mist.
paraffinic (64741-89-5)			
Poland. MACs. Minister of Labour an	d Social Policy Regarding I	Maximum Allowable Concen	trations and Intensities in
Working Environment	Tune	Value	Form
Components Distillate (Petroleum),	Type STEL	Value 10 mg/m3	Form Aerosol
severely Hydrotreated Light	UILL	To mg/mo	/ (C10301
Naphthenic (64742-53-6)	T14/4		
Distillates (petroleum),	TWA STEL	5 mg/m3 10 mg/m3	Aerosol Aerosol
nydrotreated heavy	OTEL	To mg/mo	71010001
paraffinic (64742-54-7)	TIA/A	F / 0	A 1
Distillates (petroleum),	TWA STEL	5 mg/m3 10 mg/m3	Aerosol Aerosol
solvent-refined heavy	OTEL	To mg/mo	71010001
naphthenic (64741-96-4)	TIA/A	E/ 0	A
Distillates (petroleum),	TWA STEL	5 mg/m3 10 mg/m3	Aerosol Aerosol
solvent-refined light		g	
paraffinic (64741-89-5)	TWA	5 mg/m3	Aerosol
Portugal. VLEs. Norm on occupation			Aerosor
Components	Type	Value	Form
Distillate (Petroleum),	STEL	10 mg/m3	Aerosol
severely Hydrotreated Light			
Naphthenic (64742-53-6)	TWA	5 mg/m3	Aerosol
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
nydrotreated heavy			
paraffinic (64742-54-7)	TWA	5 mg/m3	Aerosol
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
solvent-refined heavy			
naphthenic (64741-96-4)	TWA	5 mg/m3	Aerosol
Distillates (petroleum),	STEL	10 mg/m3	Aerosol
olvent-refined light paraffinic (64741-89-5)			
aramme (04741-05-5)	TWA	5 mg/m3	Aerosol
Romania. OELs. Protection of worke			
Components	Туре	Value	
Distillate (Petroleum),	STEL	10 mg/m3	7
severely Hydrotreated Light Naphthenic (64742-53-6)			
taphalolilo (04/42-00-0)	TWA	5 mg/m3	
Distillates (petroleum),	STEL	10 mg/m3	
nydrotreated heavy paraffinic (64742-54-7)			
, aranimo (0+1+2-0+-1)	TWA	5 mg/m3	

Distillates (petroleum), solvent-refined heavy naphthenic (64741-96-4) TWA

STEL

TWA

5 mg/m3 10 mg/m3

5 mg/m3

Components	from exposure to chemical agen Type	Value	
Distillates (petroleum), solvent-refined light paraffinic (64741-89-5)	STEL	10 mg/m3	
Daraminic (04741-09-3)	TWA	5 mg/m3	
Slovakia. OELs. Decree of the governm		_	health in work with chem
igents	ient of the Glovak Republic conte	criming protection or i	nearth in work with enem
Components	Туре	Value	Form
istillates (petroleum),	TWA	5 mg/m3	Aerosol
ydrotreated heavy			
araffinic (64742-54-7)			
Spain. Occupational Exposure Limits Components	Type	Value	Form
•	Туре		
Distillate (Petroleum), everely Hydrotreated Light	STEL	10 mg/m3	Mist.
laphthenic (64742-53-6)			
	TWA	5 mg/m3	Mist.
Distillates (petroleum),	STEL	10 mg/m3	Mist.
ydrotreated heavy			
araffinic (64742-54-7)	TWA	E malm2	Mist.
pistillates (petroleum),	STEL	5 mg/m3 10 mg/m3	Mist.
olvent-refined heavy aphthenic (64741-96-4)	OTEL	10 mg/m3	Wildt.
	TWA	5 mg/m3	Mist.
vistillates (petroleum), olvent-refined light	STEL	10 mg/m3	Mist.
araffinic (64741-89-5)	TWA	5 mg/m3	Mist.
weden. Occupational Exposure Limit		5g	
omponents	Туре	Value	Form
istillate (Petroleum),	STEL	3 mg/m3	Mist.
everely Hydrotreated Light		3	
laphthenic (64742-53-6)			
	TWA	1 mg/m3	Mist.
Distillates (petroleum), ydrotreated heavy	STEL	3 mg/m3	Mist.
araffinic (64742-54-7)			
a.a (6 . / 6)	TWA	1 mg/m3	Mist.
oistillates (petroleum),	STEL	3 mg/m3	Mist.
olvent-refined heavy			
aphthenic (64741-96-4)	T\\\\	1 mg/m3	Mict
vistillates (petroleum),	TWA STEL	3 mg/m3	Mist. Mist.
olvent-refined light	SILL	5 mg/ms	IVIIOL.
araffinic (64741-89-5)			
XX	TWA	1 mg/m3	Mist.
mmended monitoring Follow sta edures	ndard monitoring procedures.		

Rec pro

DNEL

Components	Туре	Route	Value	Form
Distillate (Petroleum), severely Hydrotreated	Workers	Inhalation	5,4 mg/m³/8h	Long term Local effects
Light Nanhthenic (64742-53-6)				

PNEC

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

Exposure controls

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

Individual protection measures, such as personal protective equipment

General information Personal protective equipment should be chosen according to the CEN standards and in

discussion with the supplier of the personal protective equipment.

Eye/face protection Safety glasses with side-shields.

Skin protection

- Hand protection Wear protective gloves. PVC gloves are recommended. Suitable gloves can be recommended by

the glove supplier.

Other
 Normal work clothing (long sleeved shirts and long pants) is recommended.

Respiratory protection When workers are facing concentrations above the exposure limit they must use appropriate

certified respirators.

Thermal hazards 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

Information on basic physical and chemical properties

Appearance Clear bright liquid.

Physical state Liquid.
Form Liquid.

Colour Colourless, clear.

Odour Slight petroleum odor.

Odour thresholdNot available.pHNot available.Melting point/freezingNot available.

point

Boiling point, initial boiling point, and boiling range

> 237,8 °C (> 460 °F)

Flash point > 135 °C (> 275 °F) Pensky-Martens Closed Cup (Typical 145 °C)

> 146,1 °C (> 295 °F) Cleveland open cup

Auto-ignition temperature > 315 °C (> 599 °F)

Flammability (solid, gas) Not applicable.

Flammability limit - lower Not available.

(%)

Flammability limit - upper

(%)

Not available.

Oxidising properties

Explosive properties

Explosive limit

Vapour pressure

Vapour density

Evaporation rate

Relative density

Not applicable.

Not available.

Not available.

Not available.

Not available.

Not available.

Not available.

Solubility (water) Insoluble

Partition coefficient Not available.

(n-octanol/water)

Decomposition Not available.

temperature

Pour point $< 4,4 \,^{\circ}\text{C} \, (< 40 \,^{\circ}\text{F})$ Viscosity $10 \, \text{cSt} \, (40 \,^{\circ}\text{C})$

Percent volatile 0 %

Other data

Molecular weight 280

Other information IP346 method DMSO extract for base oil substances: <3,0%.

Section 10: Stability and reactivity

ReactivityThe product is non reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous

reactions

No dangerous reaction known under conditions of normal use.

Conditions to avoid Heat, flames and sparks. Avoid temperatures exceeding the flash point.

Incompatible materials Strong oxidising agents.

Hazardous decomposition

products

Carbon monoxide. Carbon dioxide.

Section 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Ingestion May be fatal if swallowed and enters airways.

In high concentrations, vapours may be irritating to the respiratory system.

Skin contact

Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Eve contact May cause eye irritation on direct contact.

Symptoms Direct contact with eyes may cause temporary irritation.

Information on toxicological effects

Acute toxicity

May be fatal if swallowed and enters airways.

Components

Test results

Distillates (petroleum), solvent-refined light paraffinic (64741-89-5) Acute Dermal LD50 Rabbit: >= 5000 mg/kg

Acute Oral LD50 Rat: >= 5000 mg/kg
Acute Dermal LD50 Rabbit: > 5000 mg/kg

Distillate (Petroleum), severely Hydrotreated Light Naphthenic

(64742-53-6)

Acute Inhalation LC50 Rat: > 5 mg/l Acute Oral LD50 Rat: > 5000 mg/kg

Skin corrosion/irritation Prolonged or repeated skin contact may cause drying, cracking, or irritation.

May be fatal if swallowed and enters airways.

Serious eye damage/eye

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.

Not classified.

Specific target organ toxicity - repeated

toxicity - repeated exposure

Aspiration hazard

Mixture versus substance

information

Not available.

Other information No other specific acute or chronic health impact noted.

Section 12: Ecological information

Toxicity

Components		Test results	
Distillates (petroleum), (64741-89-5)	solvent-refined light paraffinic	EC50 Daphnia: >= 1000 mg/l 48 Hours	
		LC50 Freshwater angelfish (Pterophyllum scalare): >= 5000 mg/l 96 Hours	
Distillate (Petroleum), (64742-53-6)	severely Hydrotreated Light Naphthenic	EL50 Daphnia magna: > 10000 mg/l 48 hours	
		NOEL Daphnia magna: > 10 mg/l 21 days	
		NOEL Daphnia magna: > 1000 mg/l 48 hours	
Persistence and degradability	The product is expected to be bio	degradable.	
Bioaccumulative potentia	The product contains potentially b	pioaccumulating substances.	
Mobility	The product is immiscible with wa	The product is immiscible with water and will spread on the water surface.	
Environmental fate - Partition coefficient	Not available.	Not available.	
Mobility in soil	The product is immiscible in wate	r.	

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

Other adverse effects

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Section 13: Disposal considerations

Waste treatment methods

Residual waste Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all

applicable regulations.

Contaminated packaging

EU waste code

Empty containers should be taken to an approved waste handling site for recycling or disposal.

The Waste code should be assigned in discussion between the user, the producer and the waste

disposal company.

Disposal methods/information Do n

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

ADR

The product is not covered by international regulation on the transport of dangerous goods.

RID

The product is not covered by international regulation on the transport of dangerous goods.

ADN

The product is not covered by international regulation on the transport of dangerous goods.

IATA

The product is not covered by international regulation on the transport of dangerous goods.

IMDG

The product is not covered by international regulation on the transport of dangerous goods.

Transport in bulk according to Annex II of MARPOL73/78 and

to Not applicable

the IBC Code

Section 15: Regulatory information

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

EU regulations

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I

Not listed

Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II

Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I

Not listed.

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

Not listed.

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

Not listed.

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

Not listed.

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

Not listed

Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution Emission Registery (EPER)

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(1). Candidate List

Not listed.

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. Not classified as dangerous according to Directive 67/548/EEC. This Safety Data Sheet complies with the

requirements of Regulation (EC) No 1907/2006 as amended.

National regulationsFollow national regulation for work with chemical agents.

Chemical safety assessment No Chemical Safety Assessment has been carried out.

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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.

REACH Registration; EC 265-156-6; 01-2119480375-34-xxxx.

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

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-phrases under Sections 2 to 15 R65 Harmful: may cause lung damage if swallowed.

H304 - May be fatal if swallowed and enters airways.

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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