

SAFETY DATA SHEET

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

Product identifier

Trade name of the

Reclaimed Insulating Oil BS148: 2009; L10B

substance

Identification No. 649-466-00-2

Registration number

Synonyms None.

Date of first issue 14-October-2011

Version number 01 **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

Ò|^&da&adÁUalÁÙ^¦ça&^•ÆscåÈ Company name

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€ÌIÍÂ΀GÁF€€H **Telephone** •æ/•O^[•|È\]È\ e-mail V[} ^ ÁU CÜ^* æ} Contact person €ÌIÍÂ΀GÁF€€H **Emergency telephone**

number

Section 2: Hazards identification

Classification of the substance or mixture

The substance 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 substance does not meet the criteria for classification according to Directive 67/548/EEC as amended.

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

Health hazards

Aspiration hazard May be fatal if swallowed and Category 1

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

Identification No. 649-466-00-2



Signal word Danger

May be fatal if swallowed and enters airways. **Hazard statements**

Precautionary statements

Prevention Use personal protective equipment as required.

Reclaimed Insulating Oil BS148: 2009; L10B AMWWWW USZÓVÝ ÁOCE/CFÁUP Ó OV ÁZÁ Ó ŠÓ Ó VÜ Ó OTSÁU ŠÁÚ Ó ÜX Ó Ó ÚÁS VÖÈ SDS FU 904659 Version No.: 01 Revision date: 14-October-2011 Print date: 14-October-2011

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

vomiting.

Storage Store locked up.

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

Supplemental label information

Other hazards Not assigned.

Section 3: Composition/information on ingredients

General information

Chemical name CAS-No. / EC No. REACH Registration No. INDEX No. Notes

Distillate (Petroleum), severely 64742-53-6 ≥ 99,9 Hydrotreated Light Naphthenic

265-156-6

Classification: DSD:

CLP: Asp. Tox. 1;H304

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

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

Impurities

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Polychlorobiphenyls	< 0,00	1 1336-36-3 215-648-1	-	602-039-00-4	

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.

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#

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.

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

Flush eyes immediately with large amounts of water. Remove contact lenses, if present and easy Eye contact

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.

Extinguishing media

Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO2). Powder.

Unsuitable extinguishing

equipment for firefighters

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

Do not allow to enter drains, sewers or watercourses.

Methods and material for containment and cleaning up

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 waste disposal, see section 13. See Section 8 for personal protective equipment.

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

> > Value

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

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Belalum.	Exposure	Limit	vaiues.

Components	Туре	Value	Form	
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL	10 mg/m3	Mist.	
Naphtheric (04742-33-0)	TWA	5 mg/m3	Mist.	

Bulgaria. OELs. Regulation No 13 of Ministry of Labor & Social Policy, with Ministry of Health, on protection of workers related to exposure to chemical agents at work

related to exposure to elicinical agents at work						
Components	Type	Value				
Distillate (Petroleum),	TWA	5 mg/m3				
severely Hydrotreated Light						
Naphthenic (64742-53-6)						

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

Polychlorobiphenyls	Ceiling	1 mg/m3
(1336-36-3)		
	TWA	0.5 mg/m3

Type

Denmark. Exposure Limit Values

Components	туре	value Form	
Distillate (Petroleum),	TLV	1 mg/m3 Mist.	
severely Hydrotreated Light			
Naphthenic (64742-53-6)			
Impurities	Туре	Value	
Polychlorobiphenyls	TLV	0,01 mg/m3	
(1336-36-3)			

Finland. Workplace Exposure	Limits		
Impurities	Туре	Value	
Polychlorobiphenyls (1336-36-3)	STEL	1,5 mg/m3	
·	TWA	0,5 mg/m3	

Reclaimed Insulating Oil BS148: 2009: L10B WWWW. JOEZÓVY ÁDCEVCEÚP ÒÒV ÁZÓŠ Ó ÔV Ú CÓ CÉÁU ČÁU Ó ČÚ XÓ Ó Ú ÁŠ V ÖÈ

Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	5 mg/m3	Mist.
Hungary. OELs. Joint Decree on Ch Components	emical Safety of Workplaces Type	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	Ceiling	5 mg/m3	Mist.
Iceland. OELs. Regulation 154/1999 Components	on occupational exposure limits Type	Value	Form
Distillate (Petroleum),	TWA	1 mg/m3	Mist.
bistiliate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TVVA	i mg/ms	IVIISt.
Impurities	Туре	Value	
Polychlorobiphenyls (1336-36-3)	TWA	0,01 mg/m3	
Ireland. Occupational Exposure Lim	uits		
Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	TWA	0,2 mg/m3	Inhalable fraction.
Impurities	Туре	Value	
Polychlorobiphenyls (1336-36-3)	TWA	0,1 mg/m3	
Italy. OELs			
Components	Туре	Value	Form
Distillate (Petroleum), severely Hydrotreated Light	TWA	5 mg/m3	Inhalable fraction.
-	re limit values of chemical substance		ent
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls	re limit values of chemical substance Type TWA	es in work environme Value 1 mg/m3	ent
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3)	Type TWA	Value 1 mg/m3	
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo	Туре	Value 1 mg/m3	
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169)	Type TWA Dosure Limit Values for Hazardous Ch	Value 1 mg/m3 nemical Substance Co	oncentration, General
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components	Type TWA psure Limit Values for Hazardous Ch Type	Value 1 mg/m3 nemical Substance Co	oncentration, General Form
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169)	Type TWA Dosure Limit Values for Hazardous Ch	Value 1 mg/m3 nemical Substance Co	oncentration, General
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	Type TWA psure Limit Values for Hazardous Ch Type STEL TWA	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3	oncentration, General Form
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value	Form Fume and mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3	Form Fume and mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value	Form Fume and mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3	Form Fume and mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type STEL TWA	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3	Form Fume and mist. Fume and mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type STEL TWA Type TWA Contaminants in the Workplace	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3	Form Fume and mist. Fume and mist. Fume Mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type STEL TWA Type TWA Contaminants in the Workplace Type	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3	Form Form Fume and mist. Form Mist. Form
Latvia. OELs. Occupational exposure Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Exportments (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (94742-53-6)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type STEL TWA Type TWA Contaminants in the Workplace	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3	Form Fume and mist. Fume and mist. Fume Mist.
Latvia. OELs. Occupational exposure impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Export Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type STEL TWA Type TWA Contaminants in the Workplace Type	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3	Form Form Fume and mist. Form Mist. Form
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type TWA Type TWA Contaminants in the Workplace Type TLV	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3 Value 1 mg/m3	Form Form Fume and mist. Form Mist. Form
Latvia. OELs. Occupational exposure Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Exporage Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Poland. MACs. Minister of Labour a	Type TWA Desure Limit Values for Hazardous Ch Type STEL TWA Type STEL TWA Type TUV Type	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3 Value 1 mg/m3 Value 1 mg/m3	Form Form Mist. Form Mist.
Latvia. OELs. Occupational exposur Impurities Polychlorobiphenyls (1336-36-3) Lithuania. OELs. Occupational Expo Requirements (No. 645/169) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3) Netherlands. OELs (binding) Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Norway. Administrative Norms for C Components Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6) Impurities Polychlorobiphenyls (1336-36-3)	Type TWA Desure Limit Values for Hazardous Characteristics Type STEL TWA Type STEL TWA Type TWA Type TWA Contaminants in the Workplace Type TLV Type TLV	Value 1 mg/m3 nemical Substance Co Value 3 mg/m3 1 mg/m3 Value 0,03 mg/m3 0,01 mg/m3 Value 5 mg/m3 Value 1 mg/m3 Value 1 mg/m3	Form Form Mist. Form Mist.

Components	Туре		Value	Form
	TWA		5 mg/m3	Aerosol
Impurities	Туре		Value	
Polychlorobiphenyls (1336-36-3)	TWA		1 mg/m3	
Portugal. VLEs. Norm on occupati		agents (NP 17	•	F
Components Distillate (Detroloum)	Type STEL		Value	Form Aerosol
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	SIEL		10 mg/m3	Aerosor
,	TWA		5 mg/m3	Aerosol
Romania. OELs. Protection of wor	kers from exposure to chen	nical agents a	t the workplace	
Components	Type		Value	
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL		10 mg/m3	
Napriliene (04742-00-0)	TWA		5 mg/m3	
Slovakia. OELs. Decree of the gov	ernment of the Slovak Repu	blic concerni		ealth in work with chem
agents				
Impurities	Туре		Value	
Polychlorobiphenyls (1336-36-3)	TWA		0,7 mg/m3	
			0,05 ppm	
Spain. Occupational Exposure Lin				
Components	Туре		Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL		10 mg/m3	Mist.
	TWA		5 mg/m3	Mist.
Sweden. Occupational Exposure I	imit Values			
Components	Туре		Value	Form
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	STEL		3 mg/m3	Mist.
,	TWA		1 mg/m3	Mist.
Impurities	Туре		Value	
Polychlorobiphenyls (1336-36-3)	STEL		0,03 mg/m3	
	TWA		0,01 mg/m3	
UK. EH40 Workplace Exposure Lii Impurities	nits (WELs) Type		Value	
Polychlorobiphenyls (1336-36-3)	TWA		0,1 mg/m3	
	w standard monitoring proced	ures.		
L				
	Туре	Route	Value	Form

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Material	Туре	Route	Value	Form
Reclaimed Insulating Oil BS148: 2009; L10E	3 Workers	Inhalation	5,4 mg/m3/8h/	Song term Local effects
(64742-53-6)				

PNEC

controls

Material	Type	Route	Value
Reclaimed Insulating Oil BS148: 20	09; L10B Oral	Oral	9,33 mg/kg
(64742-53-6)			

Exposure controls

Appropriate engineering Provide adequate ventilation, including appropriate local extraction, to ensure that the defined

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 If contact is likely, safety glasses with side shields are recommended.

occupational exposure limit is not exceeded.

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 Colourless liquid.

Physical state Liquid.
Form Liquid.

Colourless, clear.

Odourless/slight petroleum.

Odour threshold Not available.

pH Not applicable.

Melting point/freezing Not available.

point

Flash point

- ...

> 250 °C (> 482 °F)

Boiling point, initial boiling point, and boiling range

> 130 °C (> 266 °F) Pensky-Martens Closed Cup

Auto-ignition temperature > 250 °C (> 482 °F)

Flammability (solid, gas) Not applicable.

Flammability limit - lower 0,6 % (Approximate)

(%)

Flammability limit - upper

(%)

10 % (Approximate)

Oxidising properties

Not applicable.

Not applicable.

Vapour pressure

Vapour density

Evaporation rate

Not applicable.

V0,1 kPa (100 °C)

> 5 (20 °C) (Air = 1)

Not applicable.

Relative density < 1 (20 °C) (Water = 1)

Solubility (water) Insoluble.

Partition coefficient Not available.

(n-octanol/water)

Decomposition Not available.

temperature

Pour point < -30 °C (< -22 °F)
Viscosity 13 cSt (40 °C)
Percent volatile Not available.

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

Section 10: Stability and reactivity

Reactivity The 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

May be fatal if swallowed and enters airways. Ingestion

In high concentrations, vapours may be irritating to the respiratory system. Inhalation Skin contact Prolonged or repeated skin contact may cause drying, cracking, or irritation.

May cause eye irritation on direct contact. Eye contact

Direct contact with eyes may cause temporary irritation. **Symptoms**

Information on toxicological effects

May be fatal if swallowed and enters airways. Acute toxicity Components Test results

Distillate (Petroleum), severely Hydrotreated Light Naphthenic

(64742-53-6)

Acute Dermal LD50 Rabbit: > 5000 mg/kg

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.

Serious eye damage/eye

irritation

Direct contact with eyes may cause temporary irritation.

Not classified. Respiratory sensitisation Not classified. Skin sensitisation Germ cell mutagenicity Not classified. Carcinogenicity Not classified.

IARC Monographs. Overall Evaluation of Carcinogenicity

Polychlorobiphenyls (CAS 1336-36-3) 2A Probably carcinogenic to humans.

Reproductive toxicity Not classified. Specific target organ Not classified.

toxicity - single exposure

Specific target organ toxicity - repeated

Not classified

exposure

Aspiration hazard May be fatal if swallowed and enters airways.

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
Distillate (Petroleum), severely Hydrotreated Light Naphthenic (64742-53-6)	EL50 Daphnia magna: > 10000 mg/l 48 hours
(611) 12 66 6)	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 biodegradable.

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

The product is immiscible with water and will spread on the water surface. Mobility

Environmental fate -Not available.

Partition coefficient

Mobility in soil The product is immiscible in water.

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

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

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

disposal company.

Disposal methods/information 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 the IBC Code Not applicable

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

Polychlorobiphenyls (CAS 1336-36-3)

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

Polychlorobiphenyls (CAS 1336-36-3)

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

Polychlorobiphenyls (CAS 1336-36-3)

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 regulations Follow national regulation for work with chemical agents.

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-€€F€.

Information on evaluation method leading to the classification of mixture

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

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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