SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation

LPS® TKX (Aerosol)

of the mixture

Registration number

Synonyms None.

 Part Number
 02016, M02016

 Issue date
 20-October-2014

Version number 01

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

Identified uses An industrial lubricant designed to displace moisture from equipment, provide heavy-duty

lubrication and rust prevention.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet Supplier Geocel Limited

Company name Western Wood Way, Langage Science Park, Plympton,

Address

Plymouth, PL7 5BG United Kingdom

Telephone +44 (0)1752 202060 / +44 (0)1752 334384

In Case of Emergency +001 703-527-3887

Manufacturer

Company nameLPS Laboratories, a division of Illinois Tool Works, Inc. **Address**4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)

Website http://www.lpslabs.com e-mail sds@lpslabs.com

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 F+;R12, Xi;R36/38, R67 The full text for all R-phrases is displayed in section 16.

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

Physical hazards

Aerosols Category 1 H222 - Extremely flammable

aerosol.

H229 - Pressurized container: May

burst if heated.

Health hazards

Skin corrosion/irritation Category 2 H315 - Causes skin irritation.
Serious eye damage/eye irritation Category 2 H319 - Causes serious eye

irritation.

Specific target organ toxicity - single Category 3 narcotic effects H336 - May cause drowsiness or

exposure dizziness.

Hazard summary

Physical hazards Extremely flammable.

Health hazards Irritating to eyes and skin. Vapours may cause drowsiness and dizziness. Occupational exposure

to the substance or mixture may cause adverse health effects.

Environmental hazards Not classified for hazards to the environment.

Specific hazards Irritating to eyes and skin. Irritating to respiratory system. Do not breathe

dust/fume/gas/mist/vapors/spray.

Main symptoms Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and

blurred vision. Skin irritation. Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Drowsiness and dizziness. Narcosis. Decrease in motor functions.

Behavioural changes.

2.2. Label elements

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

Contains: 3-Methoxy-3-methyl-1-butanol (MMB), Carbon dioxide, Distillates Petroleum, Hydroteated Light,

Petroleum Oil

Hazard pictograms



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurized container: May burst if heated.

H315 Causes skin irritation.

H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P211 Do not spray on an open flame or other ignition source.
P251 Pressurised container: Do not pierce or burn, even after use.

P261 Avoid breathing gas.

P264 Wash thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves. P280 Wear eye/face protection.

Response

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

P312 Call a POISON CENTRE or doctor/physician if you feel unwell.

P321 Specific treatment (see this label).

P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P362 Take off contaminated clothing and wash before reuse.

Storage

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

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

Supplemental label information None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

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

Distillates Petroleum, Hydroteated 60 - 70 64742-47-8 - 649-422-00-2

Light 265-149-8

Classification: DSD: Xn;R65

CLP: Asp. Tox. 1;H304, Skin Irrit. 2;H315, STOT SE 3;H336

Material name: LPS® TKX (Aerosol) - LPS Laboratories (EU) 02016, M02016 Version #: 01 Issue date: 20-October-2014

Chemical name			%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Petroleum Oil			10 - 20	64742-52-5 265-155-0	-	649-465-00-7	Note L
Classification:	DSD:	Carc.	Cat. 2;R45	5			L
CL	CLP:	Asp.	Tox. 1;H304	4, Skin Irrit. 2;H315,	Eye Irrit. 2;H319, Carc. 1B;	H350	L
3-Methoxy-3-methyl-1-l	butanol (N	ИМВ)	1 - 3	56539-66-3 260-252-4	-	-	
Classification:	DSD:	Xi;R3	6				
	CLP:	-					
Carbon dioxide			1 - 3	124-38-9 204-696-9	-	-	#
Classification:	DSD:	-					
	CLP:	_					

CLP: Regulation No. 1272/2008.

DSD: Directive 67/548/EEC.

M: M-factor

vPvB: very persistent and very bioaccumulative substance.

PBT: persistent, bioaccumulative and toxic substance.

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

Note L: This component has been tested by Supplier. According to Supplier, the component complies with the criteria of Note L in Annex I of 67/548/EEC, and is exempt from a classification of T; R45. (Contains less than 3% DMSO)

Composition comments The full text for all R- and H-phrases is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to

protect themselves. Call a POISON CENTRE or doctor/physician if you feel unwell.

4.1. Description of first aid measures

Remove victim to fresh air and keep at rest in a position comfortable for breathing. For breathing Inhalation

difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist.

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

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if Eye contact

present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

Call a physician or poison control centre immediately. Only induce vomiting at the instruction of Ingestion medical personnel. Never give anything by mouth to an unconsious person. If vomiting occurs,

keep head low so that stomach content doesn't get into the lungs.

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

Dermatitis. Rash. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Skin irritation. May cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards Extremely flammable aerosol.

5.1. Extinguishing media

media

Unsuitable extinguishing

Suitable extinguishing

media

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

5.2. Special hazards arising from the substance or mixture Contents under pressure. Pressurised container may explode when exposed to heat or flame.

Powder. Alcohol resistant foam. Water. Water spray. Dry chemicals. Carbon dioxide (CO2).

5.3. Advice for firefighters

Special protective equipment for firefighters Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Special fire fighting procedures

Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. Use water spray to cool unopened containers. In the event of fire and/or explosion do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. Use personal protection recommended in Section 8 of the SDS.

For emergency responders

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

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Use water spray to reduce vapours or divert vapour cloud drift. Scoop up used absorbent into drums or other appropriate container. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

6.4. Reference to other sections

Use personal protection recommended in Section 8 of the SDS. For waste disposal, see section

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Pressurised container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS). Keep out of the reach of children.

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

124-38-9)

Occupational exposure limits

Austria. MAK List, OEL Ordinance (GwV), BGBI. II, no. 184/2001

Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	Ceiling	18000 mg/m3
		10000 ppm
	MAK	9000 mg/m3
		5000 ppm
Belgium. Exposure Limit Values		
Components	Туре	Value
Carbon dioxide (CAS 24-38-9)	STEL	54784 mg/m3
,		30000 ppm
	TWA	9131 mg/m3
		5000 ppm
Bulgaria. OELs. Regulation No 1	3 on protection of workers aga	inst risks of exposure to chemical agents at work
Components	Туре	Value
Carbon dioxide (CAS	TWA	9000 mg/m3

Components	Туре		
		5000 ppm	
Croatia. Dangerous Substance Exp Components	oosure Limit Values in the Wo Type	orkplace (ELVs), Annexes 1 a Value	nd 2, Narodne Novine, 13/0
Carbon dioxide (CAS 24-38-9)	MAC	9000 mg/m3	
,		5000 ppm	
Cyprus. OELs. Control of factory a Components	tmosphere and dangerous su Type	bstances in factories regulat Value	ion, PI 311/73, as amended
Carbon dioxide (CAS	TWA	9000 mg/m3	
24-38-9)		5000 ppm	
Czech Republic. OELs. Governmer	nt Decree 361		
Components	Туре	Value	
3-Methoxy-3-methyl-1-butan ol (MMB) (CAS 56539-66-3)	Ceiling	200 mg/m3	
Carlaga diavida (CAC	TWA	100 mg/m3	
Carbon dioxide (CAS 124-38-9)	Ceiling	45000 mg/m3	
	TWA	9000 mg/m3	
Denmark. Exposure Limit Values Components	Туре	Value	
Carbon dioxide (CAS	TLV	9000 mg/m3	
24-38-9)		5000 ppm	
Setamia OELa Ossunational Evna			
2001)		ostances. (Annex of Regulation Value	on No. 293 of 18 Septembe
2001) Components	sure Limits of Hazardous Sub Type TWA	•	on No. 293 of 18 Septembe
Components Carbon dioxide (CAS	Туре	Value 9000 mg/m3	on No. 293 of 18 Septembe
Carbon dioxide (CAS	Type TWA	Value	on No. 293 of 18 Septembe
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Components Carbon dioxide (CAS 24-38-9) Cinland. Workplace Exposure Limit Components Carbon dioxide (CAS 24-38-9) Crance. Threshold Limit Values (VI Components Carbon dioxide (CAS 24-38-9) Carbon dioxide (CAS 24-38-9) Cermany. DFG MAK List (advisory in the Work Area (DFG) Components Carbon dioxide (CAS 24-38-9) Carbon dioxide (CAS 24-38-9)	Type TWA ts Type TWA LEP) for Occupational Exposu Type VME OELs). Commission for the Ir	Value 9000 mg/m3 5000 ppm Value 9100 mg/m3 5000 ppm ure to Chemicals in France, II Value 9000 mg/m3 5000 ppm nvestigation of Health Hazard Value 9100 mg/m3	NRS ED 984
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Components	s amended) Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3
124-30-9)		5000 ppm
	TWA	9000 mg/m3
		5000 ppm
Hungary. OELs. Joint Decree on Che Components	mical Safety of Workplaces Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
celand. OELs. Regulation 154/1999 o	on occupational exposure li	mits Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)	IWA	5000 mg/m3
reland. Occupational Exposure Limi	te	''
Components	Туре	Value
Carbon dioxide (CAS	STEL	27000 mg/m3
124-38-9)		15000 5555
	T\\/ ^	15000 ppm
	TWA	9000 mg/m3
		5000 ppm
Italy. Occupational Exposure Limits Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
,		5000 ppm
Latvia. OELs. Occupational exposure Components	e limit values of chemical su Type	ibstances in work environment Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5000 ppm
Lithuania. OELs. Limit Values for Ch	iemical Substances, Genera	Il Requirements
Lithuania. OELs. Limit Values for Ch Components	nemical Substances, Genera Type	ll Requirements Value
Carbon dioxide (CAS		
Carbon dioxide (CAS 124-38-9)	Type	Value 9000 mg/m3 5000 ppm
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Working Environment		Maximum Allowable Concentrations and Intensities in
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m3
	TWA	9000 mg/m3
Portugal. OELs. Decree-Law n. Components	290/2001 (Journal of the Repub Type	lic - 1 Series A, n.266) Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
Portugal. VLEs. Norm on occup Components	pational exposure to chemical a Type	5000 ppm gents (NP 1796) Value
Carbon dioxide (CAS 124-38-9)	STEL	30000 ppm
124 00 0)	TWA	5000 ppm
Romania. OELs. Protection of v Components	vorkers from exposure to chem Type	ical agents at the workplace Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Slovakia. OELs. Regulation No Components	. 300/2007 concerning protection Type	n of health in work with chemical agents Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
124-30-3)		5000 ppm
		against risks due to exposure to chemicals while worki
(Official Gazette of the Republi Components	c of Slovenia) Type	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5000 ppm
Spain. Occupational Exposure	Limits	
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m3
		5000 ppm
Sweden. Occupational Exposu	re Limit Values	
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	STEL	18000 mg/m3
,		10000 ppm
	TWA	9000 mg/m3
		5000 ppm
Switzerland. SUVA Grenzwerte Components	am Arbeitsplatz Type	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5000 ppm
UK. EH40 Workplace Exposure	• •	
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	STEL	27400 mg/m3
		15000 ppm
	TWA	9150 mg/m3 5000 ppm
FIL Indicative Evaceure Limit \	/alues in Directives 01/200/EEC	, 2000/39/EC, 2006/15/EC, 2009/161/EU
Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3

EU. Indicative Exposure Limit Values in Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU

Components Type Value

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring

procedures

Follow standard monitoring procedures.

Derived no-effect level (DNEL)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

8.2. Exposure controls

Appropriate engineering

controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

5000 ppm

Individual protection measures, such as personal protective equipment

General informationUse personal protective equipment as required. Personal protection equipment should be chosen

according to the CEN standards and in discussion with the supplier of the personal protective

equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Chemical resistant gloves are recommended.

Other Wear suitable protective clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Not applicable.

Hygiene measures When using, do not eat, drink or smoke. 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

Appearance Liquid.
Physical state Gas.
Form Aerosol
Colour Dark green.

Odour Vanilla; Slight petroleum odor.

Odour threshold Not established
pH Not applicable
Melting point/freezing point Not available.
Initial boiling point and boiling 214 °C (417,2 °F)

range

Flash point 73,0 °C (163,4 °F) Tag closed cup

Evaporation rate < 0,1 BuAc

Flammability (solid, gas) Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower 0

0,6 %

(%)

Flammability limit - upper 7 %

(%)

Vapour pressure < 0,05 mm Hg @20°C

Vapour density 4,7

Relative density 0,83 - 0,85 @20°C

Solubility(ies)

Solubility (water) < 3 % Solubility (other) Not available. Partition coefficient < 1 (n-octanol/water)

Auto-ignition temperature > 228 °C (> 442,4 °F)

Decomposition temperatureNot establishedViscosity< 7 cSt @25°C</th>Explosive propertiesNot available.Oxidizing propertiesNot available.

9.2. Other information

 $\begin{array}{ll} \mbox{Heat of combustion} & > 30 \mbox{ kJ/g} \\ \mbox{Percent volatile} & 70 \mbox{ \%} \\ \end{array}$

VOC (Weight %) 2,5 % per US State & Federal Consumer Product Regulations

SECTION 10: Stability and reactivity

10.1. Reactivity Strong oxidising agents.

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 Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5. Incompatible materials Strong oxidising agents.

10.6. Hazardous Carbon oxides.

decomposition products

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Inhalation Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Ingestion May cause discomfort if swallowed.

Symptoms Irritating to eyes, respiratory system and skin. Symptoms may include stinging, tearing, redness,

swelling, and blurred vision. Exposure may cause temporary irritation, redness, or discomfort. Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

11.1. Information on toxicological effects

Acute toxicity Narcotic effects.

Addic toxioity	Narodio orodio.		
Components Species		Test results	
Distillates Petroleum, Hydr	oteated Light (CAS 64742-47-8)		
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg	
		> 2000 mg/kg, 24 Hours	
Inhalation			
LC50	Cat	> 6,4 mg/l, 6 Hours	
	Rat	> 7,5 mg/l, 6 Hours	
		> 4,3 mg/l, 4 Hours	
		> 0,1 mg/l, 8 Hours	
Oral			
LD50	Rat	> 5000 mg/kg	
Petroleum Oil (CAS 64742	-52-5)		
Acute			
Dermal			
LD50	Rabbit	> 2000 mg/kg	
		> 2000 mg/kg, 24 Hours	
Inhalation			
LC50	Rat	2,18 mg/l, 4 Hours	

Components Species Test results

Oral

LD50 Rat 5000 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye

irritation

Causes serious eye irritation.

Respiratory sensitisation Not a respiratory sensitizer.

Skin sensitisation This product is not expected to cause skin sensitisation.

Germ cell mutagenicity No data available to indicate product or any components present at greater than 0.1% are

mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive toxicityThis product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

single exposure

Narcotic effects.

Specific target organ toxicity -

repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard Not likely, due to the form of the product.

Mixture versus substance

information

No information available.

Other information Not available.

SECTION 12: Ecological information

12.1. Toxicity 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.

Components Species Test results

Distillates Petroleum, Hydroteated Light (CAS 64742-47-8)

Aquatic

Fish LC50 Rainbow trout, donaldson trout 2,9 mg/l, 96 hours

(Oncorhynchus mykiss)

12.2. Persistence and

degradability

Not inherently biodegradable.

12.3. Bioaccumulative potential Not available.

Partition coefficient n-octanol/water (log Kow)

LPS® TKX (Aerosol) < 1

Bioconcentration factor (BCF)

12.4. Mobility in soil

12.5. Results of PBT

Not available.

Not available.

and vPvB assessment

l vPvB

12.6. Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Empty containers or liners may retain some

product residues. This material and its container must be disposed of in a safe manner (see:

Disposal instructions).

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

Since emptied containers may retain product residue, follow label warnings even after container is

emptied. Do not re-use empty containers.

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

disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents

under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance

with local/regional/national/international regulations.

Special precautionsDispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. UN number UN1950

Aerosols, flammable 14.2. UN proper shipping name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk Label(s) 21 Not available. Hazard No. (ADR) Tunnel restriction code D Not applicable.

14.4. Packing group

14.5. Environmental hazards No.

14.6. Special precautions for user

Read safety instructions, SDS and emergency procedures before handling. Read safety

instructions, SDS and emergency procedures before handling.

RID

UN1950 14.1. UN number

Aerosols, flammable 14.2. UN proper shipping

name

14.3. Transport hazard class(es) Class 2.1 Subsidiary risk 2.1 Label(s)

Not applicable. 14.4. Packing group

14.5. Environmental hazards No.

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

instructions, SDS and emergency procedures before handling.

ADN

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable

name

for user

14.3. Transport hazard class(es)

Subsidiary risk 2.1 Label(s)

Not applicable. 14.4. Packing group

14.5. Environmental hazards No.

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

instructions, SDS and emergency procedures before handling.

IATA

UN1950 14.1. UN number

14.2. UN proper shipping Aerosols, flammable

name

14.3. Transport hazard class(es)

Class 2.1 Subsidiary risk Label(s) 2.1

14.4. Packing group Not applicable.

14.5. Environmental hazards No. **ERG Code**

14.6. Special precautions

Read safety instructions, SDS and emergency procedures before handling. Read safety for user

instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo

aircraft

Allowed. Cargo aircraft only

IMDG

UN1950 14.1. UN number

14.2. UN proper shipping AEROSOLS, flammable

Allowed.

name

14.3. Transport hazard class(es)

Class 2.1 Subsidiary risk 2.1 Label(s)

14.4. Packing group Not applicable.

14.5. Environmental hazards

Marine pollutant No **EmS**

14.6. Special precautions for user

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

ADN; ADR; IATA; IMDG; RID

Not available.

Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. 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. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.

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

Petroleum Oil (CAS 64742-52-5)

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

Petroleum Oil (CAS 64742-52-5)

Other EU regulations

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

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

Distillates Petroleum, Hydroteated Light (CAS 64742-47-8)

Petroleum Oil (CAS 64742-52-5)

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

Petroleum Oil (CAS 64742-52-5)

Other regulations The product is classified and labelled in accordance with EC directives or respective national laws.

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Pregnant women should not work with the product, if there is the least risk of exposure.

National regulations

Young people under 18 years old are not allowed to work with this product according to the EU

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

15.2. Chemical safety

assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

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

R12 Extremely flammable. R36 Irritating to eyes.

R36/38 Irritating to eyes and skin.

R45 May cause cancer.

R65 Harmful: may cause lung damage if swallowed. R67 Vapours may cause drowsiness and dizziness. H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness.

H350 May cause cancer.

Revision information None.

Training information Follow training instructions when handling this material.

DisclaimerThe information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only

information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other

materials or in any process, unless specified in the text.

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