

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

1.1. Product identifier

Trade name or designation of the mixture	LPS® Magnum
Registration number	-
Synonyms	None.
Part Number	00616, M00616
Issue date	16-August-2015
Version number	04
Revision date	30-August-2017
Supersedes date	17-July-2017

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

Identified uses	A specialized lubricant designed to reduce friction, heat, noise and wear between moving parts and to loosen rusted or immovable parts and mechanisms.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet

Supplier	AlSCO Ltd
Company name	Unit 13 Hillmead Industrial Estate
Address	Marshall Road Swindon, Wiltshire United Kingdom SN5 5FZ
Telephone	+44 1793 733 900
In Case of Emergency	+001 703-527-3887
Manufacturer	
Company name	ITW Pro Brands
Address	4647 Hugh Howell Rd., Tucker, GA 30084 (U.S.A.)
Website	http://www.lpslabs.com
e-mail	lpssds@itwprobrands.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

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.

Hazard summary

Physical hazards	Extremely flammable.
Health hazards	Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	None known.
Main symptoms	Exposure may cause temporary irritation, redness, or discomfort.

2.2. Label elements

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

Contains: Calcium Alkyl-naphthalenesulfonate, Carbon dioxide, Dipropylene glycol monomethyl ether, Distillates Petroleum Hydrotreated Light, Distillates, petroleum, solvent-refined light paraffinic, Methyl Oleate, Petroleum Oil

Hazard pictograms

Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.

Precautionary statements**Prevention**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.

Response

Wash hands after handling.

Storage

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 known.

2.3. Other hazards Combustible.

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 Hydrotreated Light	40 - 50	64742-47-8 265-149-8	-	649-422-00-2	
Classification:		DSD: Xn;R65 CLP: Asp. Tox. 1;H304			
Petroleum Oil	30 - 40	64742-52-5 265-155-0	-	649-465-00-7	Note L
Classification:		DSD: Carc. Cat. 2;R45 CLP: Asp. Tox. 1;H304, Carc. 1B;H350			L L
Calcium Alkyl-naphthalenesulfonate	1 - 5	57855-77-3 260-991-2	-	-	
Classification:		DSD: - CLP: -			
Distillates, petroleum, solvent-refined light paraffinic	1 - 5	64741-89-5 265-091-3	-	649-455-00-2	
Classification:		DSD: Carc. Cat. 2;R45 CLP: Carc. 1B;H350			L L
Carbon dioxide	1 - 3	124-38-9 204-696-9	-	-	#
Classification:		DSD: - CLP: -			
Dipropylene glycol monomethyl ether	1 - 3	34590-94-8 252-104-2	-	-	#
Classification:		DSD: - CLP: Eye Irrit. 2;H319			

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Methyl Oleate	1 - 3	67762-26-9 267-007-0	-	-	
Classification:	DSD: -				
	CLP: -				
Distillates, petroleum, hydrotreated light paraffinic	< 0,3	64742-55-8 265-158-7	-	649-468-00-3	Note L
Classification:	DSD: Carc. Cat. 2;R45				L
	CLP: Acute Tox. 3;H331, Carc. 1B;H350				L

List of abbreviations and symbols that may be used above

DSD: Directive 67/548/EEC.

CLP: Regulation No. 1272/2008.

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

M: M-factor

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

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.

4.1. Description of first aid measures

Inhalation If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.

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

Eye contact Rinse with water. Get medical attention if irritation develops and persists.

Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed Exposure may cause temporary irritation, redness, or discomfort.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing media Alcohol resistant foam. Powder. Dry chemicals. Carbon dioxide (CO₂).

Unsuitable 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. During fire, gases hazardous to health may be formed.

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. 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. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. 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 release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. 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. Stop leak if you can do so without risk. Use water spray to reduce vapours or divert vapour cloud drift. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Prevent product from entering drains.

6.4. Reference to other sections Use personal protection recommended in Section 8 of the SDS. For waste disposal, see section 13.

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. Avoid release to the environment. Observe good industrial hygiene practices.

7.2. Conditions for safe storage, including any incompatibilities 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. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	Ceiling	18000 mg/m ³
	MAK	10000 ppm 9000 mg/m ³ 5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	Ceiling	614 mg/m ³
	MAK	100 ppm 307 mg/m ³ 50 ppm

Belgium. Exposure Limit Values.

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	54784 mg/m ³
	TWA	30000 ppm 9131 mg/m ³ 5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m3
		50 ppm

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	MAC	9000 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	MAC	308 mg/m3
		50 ppm

Czech Republic. OELs. Government Decree 361

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	Ceiling	45000 mg/m3
	TWA	9000 mg/m3
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	Ceiling	550 mg/m3
	TWA	270 mg/m3

Denmark. Exposure Limit Values

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TLV	309 mg/m3
		50 ppm

Estonia. OELs. Occupational Exposure Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September 2001)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m3
		50 ppm

Finland. Workplace Exposure Limits

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	310 mg/m3
		50 ppm

France. Threshold Limit Values (VLEP) for Occupational Exposure to Chemicals in France, INRS ED 984

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	VME	9000 mg/m3
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	VME	308 mg/m3
		50 ppm

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
Carbon dioxide (CAS 124-38-9)	TWA	9100 mg/m ³	
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	5000 ppm 310 mg/m ³	Vapor.
Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)	TWA	50 ppm 5 mg/m ³	Vapor. Respirable aerosol fraction
		350 mg/m ³ 50 ppm	Vapor. Vapor.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
Carbon dioxide (CAS 124-38-9)	AGW	9100 mg/m ³	
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	AGW	5000 ppm 310 mg/m ³	Vapor and aerosol.
		50 ppm	Vapor and aerosol.

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m ³
	TWA	5000 ppm 9000 mg/m ³ 5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	STEL	900 mg/m ³
	TWA	150 ppm 600 mg/m ³ 100 ppm

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	STEL	308 mg/m ³
	TWA	308 mg/m ³

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	5000 ppm 300 mg/m ³
		50 ppm

Ireland. Occupational Exposure Limits

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m ³
	TWA	15000 ppm 9000 mg/m ³ 5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³

Ireland. Occupational Exposure Limits

Components	Type	Value
		50 ppm

Italy. Occupational Exposure Limits

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	5000 ppm 308 mg/m ³
		50 ppm

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	5000 ppm 308 mg/m ³
		50 ppm

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	STEL	5000 ppm 450 mg/m ³
	TWA	75 ppm 300 mg/m ³ 50 ppm

Luxembourg. Binding Occupational exposure limit values (Annex I), Memorial A

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm

Malta. OELs. Occupational Exposure Limit Values (L.N. 227. of Occupational Health and Safety Authority Act (CAP. 424), Schedules I and V)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	5000 ppm 308 mg/m ³
		50 ppm

Netherlands. OELs (binding)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	300 mg/m ³

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TLV	5000 ppm 300 mg/m ³
		50 ppm

Poland. MACs. Regulation regarding maximum permissible concentrations and intensities of harmful factors in the work environment, Annex 1

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m ³
	TWA	9000 mg/m ³
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	STEL	480 mg/m ³
	TWA	240 mg/m ³

Portugal. OELs. Decree-Law n. 290/2001 (Journal of the Republic - 1 Series A, n.266)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	STEL	150 ppm
	TWA	100 ppm

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

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Slovakia. OELs. Regulation No. 300/2007 concerning protection of health in work with chemical agents

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m ³
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³
		50 ppm

Spain. Occupational Exposure Limits

Components	Type	Value
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m ³
		5000 ppm
Dipropylene glycol monomethyl ether (CAS 34590-94-8)	TWA	308 mg/m ³

Spain. Occupational Exposure Limits Components**Type****Value**

50 ppm

Sweden. OELs. Work Environment Authority (AV), Occupational Exposure Limit Values (AFS 2015:7) Components**Type****Value**

Carbon dioxide (CAS 124-38-9)

STEL

18000 mg/m³

TWA

10000 ppm
9000 mg/m³
5000 ppm

Dipropylene glycol monomethyl ether (CAS 34590-94-8)

STEL

450 mg/m³

TWA

75 ppm
300 mg/m³
50 ppm**Switzerland. SUVA Grenzwerte am Arbeitsplatz Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

TWA

9000 mg/m³

Dipropylene glycol monomethyl ether (CAS 34590-94-8)

STEL

5000 ppm
300 mg/m³

TWA

50 ppm
300 mg/m³
50 ppm**UK. EH40 Workplace Exposure Limits (WELs) Components****Type****Value**

Carbon dioxide (CAS 124-38-9)

STEL

27400 mg/m³

TWA

15000 ppm
9150 mg/m³
5000 ppm

Dipropylene glycol monomethyl ether (CAS 34590-94-8)

TWA

308 mg/m³

50 ppm

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

Carbon dioxide (CAS 124-38-9)

TWA

9000 mg/m³

Dipropylene glycol monomethyl ether (CAS 34590-94-8)

TWA

5000 ppm
308 mg/m³

50 ppm

Biological limit values

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

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

Exposure guidelines**EU Exposure Limit Values: Skin designation**

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Can be absorbed through the skin.

Slovenia. OELs. Regulations concerning protection of workers against risks due to exposure to chemicals while working (Official Gazette of the Republic of Slovenia)

Dipropylene glycol monomethyl ether (CAS 34590-94-8) Can be absorbed through the skin.

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.
Individual protection measures, such as personal protective equipment	
General information	Use 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	Wear appropriate chemical resistant gloves.
- Other	Wear suitable protective clothing.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	When using do not 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	Inform appropriate managerial or supervisory personnel of all environmental releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Gas.
Form	Aerosol
Colour	Brown.
Odour	Mild. Sweet.
Odour threshold	Not available.
pH	Not applicable
Melting point/freezing point	Not established
Initial boiling point and boiling range	195 °C (383 °F)
Flash point	79,0 °C (174,2 °F) Tag closed cup - dispensed liquid
Evaporation rate	< 0,1 BuAc
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	0,6 %
Flammability limit - upper (%)	7 %
Vapour pressure	< 0,05 mm Hg @ 20°C
Vapour density	4,7 (Air = 1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	< 4 %
Partition coefficient (n-octanol/water)	< 1
Auto-ignition temperature	> 228 °C (> 442,4 °F)
Decomposition temperature	Not available.
Viscosity	< 7 cSt @ 25°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2. Other information	
Heat of combustion	> 30 kJ/g
Specific gravity	0,85 - 0,87 @ 20°C
VOC	2,9 % per U.S State and Federal Consumer Product Regulations.

SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and 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	Avoid temperatures exceeding the flash point. Contact with incompatible materials.
10.5. Incompatible materials	Strong oxidising agents.
10.6. Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

General information None known.

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

Symptoms Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects

Acute toxicity

Components	Species	Test results
Dipropylene glycol monomethyl ether (CAS 34590-94-8)		
Acute		
Dermal		
LD50	Rat	> 20 ml/kg, Hours
Oral		
LD50	Rat	5,4 ml/kg
Petroleum Oil (CAS 64742-52-5)		
Acute		
Inhalation		
LC50	Rat	> 3,9 mg/l, 4 Hours
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.	
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary 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.	
Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)		
Distillates, petroleum, solvent-refined light paraffinic (CAS 64741-89-5)		
Petroleum Oil (CAS 64742-52-5)		
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not likely, due to the form of the product.	
Mixture versus substance information	No information available.	
Other information	This product has no known adverse effect on human health.	

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 Hydrotreated Light (CAS 64742-47-8)		
Aquatic		
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)
		2,9 mg/l, 96 hours
12.2. Persistence and degradability	No data is available on the degradability of this product.	
12.3. Bioaccumulative potential		
Partition coefficient n-octanol/water (log Kow)		
LPS® Magnum	< 1	
Bioconcentration factor (BCF)	Not available.	
12.4. Mobility in soil	No data available.	
12.5. Results of PBT and vPvB assessment	Not available.	
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	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.	
EU waste code	The 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. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.	
Special precautions	Dispose in accordance with all applicable regulations.	
SECTION 14: Transport information		
ADR		
14.1. UN number	UN1950	
14.2. UN proper shipping name	Aerosols, flammable	
14.3. Transport hazard class(es)		
Class	2.1	
Subsidiary risk	-	
Label(s)	2.1	
Hazard No. (ADR)	Not available.	
Tunnel restriction code	Not available.	
14.4. Packing group	Not available.	
14.5. Environmental hazards	No.	
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.	
RID		
14.1. UN number	UN1950	
14.2. UN proper shipping name	Aerosols, flammable	
14.3. Transport hazard class(es)		
Class	2.1	
Subsidiary risk	-	
Label(s)	2.1	
14.4. Packing group	Not available.	
14.5. Environmental hazards	No.	
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.	
ADN		
14.1. UN number	UN1950	

14.2. UN proper shipping name	Aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
14.4. Packing group	Not available.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IATA

14.1. UN number	UN1950
14.2. UN proper shipping name	Aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
14.4. Packing group	Not available.
14.5. Environmental hazards	No.
14.6. Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

Other information

Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.

IMDG

14.1. UN number	UN1950
14.2. UN proper shipping name	Aerosols, flammable
14.3. Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
14.4. Packing group	Not available.
14.5. Environmental hazards	
Marine pollutant	No.
EmS	Not available.
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 and the IBC Code Not applicable.

ADN; ADR; IATA; IMDG; RID



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 and II, as amended

Not listed.

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

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended
Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Not listed.

Regulation (EU) No. 649/2012 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, as amended
Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) 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
Distillates, petroleum, solvent-refined light paraffinic (CAS 64741-89-5)
Petroleum Oil (CAS 64742-52-5)

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

Distillates, petroleum, solvent-refined light paraffinic (CAS 64741-89-5)
Petroleum Oil (CAS 64742-52-5)

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended
Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. 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

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.
R45 May cause cancer.
R65 Harmful: may cause lung damage if swallowed.
H304 May be fatal if swallowed and enters airways.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H350 May cause cancer.

Revision information

SECTION 2: Hazards identification: Hazard statements
SECTION 2: Hazards identification: Prevention
SECTION 2: Hazards identification: Response
SECTION 2: Hazards identification: GHS Symbols
Composition / Information on Ingredients: Disclosure Overrides
SECTION 3: Composition/information on ingredients: Component information
Regulatory Information: Risk Phrases - Labeling
GHS: Classification

Training information

Follow training instructions when handling this material.

Disclaimer

ITW Pro Brands cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The 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 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.