

SAFETY DATA SHEET

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

1.1. Product identifier	
Trade name or designation	LPS® CFC Free (Aerosol)
of the mixture	
Registration number	-
Synonyms	None.
Part Number	M03116
Issue date	18-September-2017
Version number	01
1.2. Relevant identified uses of	the substance or mixture and uses advised against
Identified uses	A fast drying industrial cleaning solvent designed to remove soil and other contaminants.
Uses advised against	None known.
1.3. Details of the supplier of the	e safety data sheet
Supplier	Alsco Ltd
Company name	Unite 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	Rocol
Address	Rocol House
	Swillington
	Leeds LS26 8BS
	United Kingdom
	Tel: +44 (0) 113 232 2700
	Fax: +44 (0) 113 232 2740
e-mail	lpssds@itwprobrands.com
SECTION 2: Hazards iden	tification
2.1. Classification of the substa	nce or mixture
The mixture has been assess applies.	ed and/or tested for its physical, health and environmental hazards and the following classification
Classification according to Dire	ctive 67/5/8/EEC or 1999/15/EC as amended

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

Classification F+;R12, R67, N;R51/53

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

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

Physical hazards Aerosols		Category 1	H222 - Extremely flammable aerosol. H229 - Pressurized container: May burst if heated.
Health hazards Specific target organ exposure	toxicity - single	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.
Environmental hazards Hazardous to the aqu long-term aquatic ha		Category 2	H411 - Toxic to aquatic life with long lasting effects.
Hazard summary			
Physical hazards	Extremely flam	mable.	
Health hazards Vapours may cause drowsiness and dizziness. Occupational exposure to the substar mixture may cause adverse health effects.			pational exposure to the substance or

Material name: LPS® CFC Free (Aerosol) - ITW Pro Brands (Rocol EU) M03116 Version #: 01 Issue date: 18-September-2017

Environmental hazards	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Specific hazards	None known.
Main symptoms	May cause drowsiness and dizziness. Headache. Nausea, vomiting.
2.2. Label elements	
Label according to Regulation (EC) No. 1272/2008 as amended
Contains:	Carbon dioxide, Isohexane, Isopropanol
Hazard pictograms	
Signal word	Danger
Hazard statements	
H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H336 H411	May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.
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.
P261	Avoid breathing gas.
P271 P273	Use only outdoors or in a well-ventilated area. Avoid release to the environment.
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P304 + P340 P312	Call a POISON CENTRE/doctor if you feel unwell.
P377	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P381	Eliminate all ignition sources if safe to do so.
P391	Collect spillage.
Storage	
P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405 P410 + P412	Store locked up. 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	Not a PBT or vPvB substance or mixture.
•	information on ingredients
3.2. Mixtures	
General information	

Chemical name		%	CAS-No. / EC No.	REACH Registration No	. INDEX No.	Notes
Isohexane		80 - 90	-	-	-	
			931-254-9			
Classification:	DSD:	-				
	CLP:	Flam. Liq. 2;H2 Chronic 2;H411		I, STOT SE 3;H336, Aquat	ic	
Isopropanol		1 - 10	67-63-0 200-661-7	-	603-117-00-0	
Classification:	DSD:	F;R11, Xi;R36,	R67			
	CLP:	Flam. Liq. 2;H2	25, Eye Irrit. 2;H319,	STOT SE 3;H336		
Carbon dioxide		1 - 5	124-38-9 204-696-9	-	-	#
Classification:	DSD:	-				
	CLP:	-				

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.

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 meas	sures
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician if you feel unwell.
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	May cause drowsiness and dizziness. Headache. Nausea, vomiting.
4.3. Indication of any immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

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General fire hazards	Extremely flammable aerosol.
5.1. Extinguishing media Suitable extinguishing media	Alcohol resistant foam. Water fog. Dry chemical powder. 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. 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

	cuve 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. Avoid breathing gas. 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. 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. Scoop up used absorbent into drums or other appropriate container.
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

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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. Avoid breathing gas. 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	Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat, sparks and open flame. 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).
7.3. Specific end use(s)	Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	Ceiling	18000 mg/m3
		10000 ppm
	MAK	9000 mg/m3
		5000 ppm
Isopropanol (CAS 67-63-0)	MAK	500 mg/m3
		200 ppm
	STEL	2000 mg/m3
		800 ppm
Belgium. Exposure Limit Values.		
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	STEL	54784 mg/m3
		30000 ppm
	TWA	9131 mg/m3
		5000 ppm
Isopropanol (CAS 67-63-0)	STEL	1000 mg/m3
		400 ppm
	TWA	500 mg/m3
		200 ppm
Bulgaria. OELs. Regulation No 13	on protection of workers agai	inst risks of exposure to chemical agents at work
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
		5000 ppm
Isopropanol (CAS 67-63-0)	STEL	1225 mg/m3
· · · · · · ·	TWA	980 mg/m3

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	
Isopropanol (CAS 67-63-0)	MAC	999 mg/m3	
		400 ppm	
	STEL	1250 mg/m3	
		500 ppm	
Cyprus. OELs. Control of factory a	atmosphere and dangerous s	ubstances in factories regulation, PI 311/73, as amende	ed.

Components Type Value

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Isopropanol (CAS 67-63-0)	TWA	980 mg/m3	
		400 ppm	

Czech Republic. OELs. Government Decree 361				
Components	Туре	Value		
Carbon dioxide (CAS 124-38-9)	Ceiling	45000 mg/m3		
	TWA	9000 mg/m3		
Isopropanol (CAS 67-63-0)	Ceiling	1000 mg/m3		
	TWA	500 mg/m3		
Denmark. Exposure Limit Values				
Components	Туре	Value		
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3		
,		5000 ppm		
Isopropanol (CAS 67-63-0)	TLV	490 mg/m3		
		200 ppm		

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

Туре	Value
TWA	9000 mg/m3
	5000 ppm
STEL	600 mg/m3
	250 ppm
TWA	350 mg/m3
	150 ppm
its	
Туре	Value
TWA	9100 mg/m3
	5000 ppm
STEL	620 mg/m3
	250 ppm
TWA	500 mg/m3
	200 ppm
LEP) for Occupational Expos	ure to Chemicals in France, INRS ED 984
Туре	Value
VME	9000 mg/m3
	5000 ppm
VLE	980 mg/m3
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	400 ppm
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ComponentsTypeValueCarbon dioxide (CAS 124-38-9)TWA9000 mg/m3			150 ppm
Carbon dioxide (CAS TWA 9000 mg/m3 124-38-9)			
124-38-9)	Components	Туре	Value
124-38-9)	Carbon dioxide (CAS	TWA	9000 ma/m3
	124-38-9)		
			5000 ppm

Schedules I and V) Components	Туре	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5000 ppm
Netherlands. OELs (binding)		5000 ppm
Components	Туре	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5
Norway. Administrative Norms for		
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3
		5000 ppm
sopropanol (CAS 67-63-0)	TLV	245 mg/m3
		100 ppm
Poland. MACs. Regulation regardi environment, Annex 1	ng maximum permissible cor	ncentrations and intensities of harmful factors in the work
Components	Туре	Value
Carbon dioxide (CAS	STEL	27000 mg/m3
124-38-9)	-	·
	TWA	9000 mg/m3
lsopropanol (CAS 67-63-0)	STEL TWA	1200 mg/m3 900 mg/m3
Portugal OEL a Daaraa Law n. 20		C C
Portugal. OELs. Decree-Law n. 29 Components	Type	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		5000 mg/mo
		5000 ppm
Portugal. VLEs. Norm on occupati Components	ional exposure to chemical ag Type	gents (NP 1796) Value
Carbon dioxide (CAS	STEL	30000 ppm
124-38-9)	OTEL	
	TWA	5000 ppm
lsopropanol (CAS 67-63-0)	STEL	400 ppm
	TWA	200 ppm
Romania. OELs. Protection of wor Components	rkers from exposure to chemi Type	cal agents at the workplace Value
•	TWA	
Carbon dioxide (CAS 124-38-9)	IWA	9000 mg/m3
		5000 ppm
sopropanol (CAS 67-63-0)	STEL	500 mg/m3
		203 ppm
	TWA	200 mg/m3 81 ppm
Slovekia OEL a Pagulation No. 20	00/2007 concerning protection	n of health in work with chemical agents
Components	Type	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)		
	0771	5000 ppm
sopropanol (CAS 67-63-0)	STEL	1000 mg/m3
	T)A/ A	400 ppm
	TWA	500 mg/m3 200 ppm
Slovenia, OELs. Regulations conc	erning protection of workers	against risks due to exposure to chemicals while workin
Conicial Gazette of the Republic o	,	
(Official Gazette of the Republic o Components	Туре	Value
Components Carbon dioxide (CAS	-	Value 9000 mg/m3
Components	Туре	

5000 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

Components	гуре	value	
Isopropanol (CAS 67-63-0)	TWA	500 mg/m3	
		200 ppm	
Spain. Occupational Exposure Lir	nits		
Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m3	
		5000 ppm	
Isopropanol (CAS 67-63-0)	STEL	1000 mg/m3	
		400 ppm	
	TWA	500 mg/m3	
		200 ppm	

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

Components	Type	,, eccupational		alue	
Carbon dioxide (CAS 124-38-9)	STEL		1	8000 mg/m3	
				0000 ppm	
	TWA		9	000 mg/m3	
			5	000 ppm	
Isopropanol (CAS 67-63-0)	STEL		6	00 mg/m3	
			2	50 ppm	
	TWA		3	50 mg/m3	
			1	50 ppm	
Switzerland. SUVA Grenzy	-				
Components	Туре		v	alue	
Carbon dioxide (CAS 124-38-9)	TWA			000 mg/m3	
				000 ppm	
Isopropanol (CAS 67-63-0)	STEL			000 mg/m3	
			4	00 ppm	
	TWA		5	00 mg/m3	
			2	00 ppm	
UK. EH40 Workplace Expo	osure Limits (WELs)				
Components	Туре		v	alue	
Carbon dioxide (CAS 124-38-9)	STEL		2	7400 mg/m3	
			1	5000 ppm	
	TWA		9	150 mg/m3	
			5	000 ppm	
Isopropanol (CAS 67-63-0)	STEL		1	250 mg/m3	
			5	00 ppm	
	TWA		9	99 mg/m3	
			4	00 ppm	
EU. Indicative Exposure L					
Components	Туре		v	alue	
Carbon dioxide (CAS 124-38-9)	TWA			000 mg/m3	
			5	000 ppm	
ogical limit values					
Croatia. BLV. Dangerous	Substance Exposure L	imit Values at W	orkplace, Anne	exes 4 (as amended)	
Components	Value	Determinant	Specimen	Sampling time	
Isopropanol (CAS 67-63-0)	•	Acetone	Urine	*	
* Engenerali (1, 1)	50 mg/l	Acetone	Blood	*	
* - For sampling details, ple					
Germany. TRGS 903, BAT Components	List (Biological Limit V Value	Values) Determinant	Specimen	Sampling time	
-			•		
Isopropanol (CAS 67-63-0)	25 mg/l	Aceton	Urine	*	

Components	Value	Determinant	Specimen	Sampling time
	25 mg/l	Aceton	Blood	*
* - For sampling details, plea	ase see the source d	ocument.		
Spain. Biological Limit Va Components	lues (VLBs), Occupa Value	ational Exposure Li Determinant	mits for Chemic Specimen	al Agents, Table 4 Sampling time
Isopropanol (CAS 67-63-0)	40 mg/l	Acetona	Urine	*
* - For sampling details, plea	ase see the source d	ocument.		
Switzerland. BAT-Werte (E Components	Biological Limit Valu Value	es in the Workplac Determinant	e as per SUVA) Specimen	Sampling time
Isopropanol (CAS 67-63-0)	25 mg/l 25 mg/l	Aceton Aceton	Urine Blood	*
* - For sampling details, plea	ase see the source d	ocument.		
ecommended monitoring ocedures	Follow standard r	monitoring procedure	S.	
erived no effect levels NELs)	Not available.			
edicted no effect incentrations (PNECs)	Not available.			
2. Exposure controls				
opropriate engineering ontrols	should be matche or other engineer	ed to conditions. If ap ing controls to maint	plicable, use pro ain airborne leve	hour) should be used. Ventilation rates ocess enclosures, local exhaust ventilation Is below recommended exposure limits. rborne levels to an acceptable level.
dividual protection measure	s, such as personal	protective equipme	ent	
General information		Use personal protective equipment as required. Personal protection equipment should be chos according to the CEN standards and in discussion with the supplier of the personal protective		
Eye/face protection	Wear safety glas	Wear safety glasses with side shields (or goggles).		
Skin protection				
- Hand protection	Wear appropriate	e chemical resistant g	gloves.	
- Other	Wear suitable pro	ptective clothing.		
Respiratory protection	In case of insuffic	cient ventilation, wear	r suitable respira	tory equipment.
Thermal hazards	Wear appropriate	thermal protective c	lothing, when ne	cessary.
giene measures	after handling the		eating, drinking,	onal hygiene measures, such as washin and/or smoking. Routinely wash work ants.
vironmental exposure	Inform appropriat	e managerial or supe	ervisory personne	el 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	Clear. Colourless.
Odour	Hydrocarbon-like.
Odour threshold	Not available.
рН	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling	60,5 °C (140,9 °F)
range	
Flash point	< -18,0 °C (< -0,4 °F) Tag closed cup
Evaporation rate	< 1 (Ethyl Ether = 1)
Flammability (solid, gas)	Flammable gas.

Upper/lower flammability or exp	plosive limits
Flammability limit - lower (%)	0,6 %
Flammability limit - upper (%)	7 %
Vapour pressure	352,53 mm Hg @ 38°C
Vapour density	~3 (air = 1)
Relative density	Not available.
Solubility(ies)	
Solubility (water)	< 10 % w/w
Partition coefficient (n-octanol/water)	> 1
Auto-ignition temperature	306 °C (582,8 °F)
Decomposition temperature	Not available.
Viscosity	< 3 cSt @ 25°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
9.2. Other information	
Heat of combustion	> 30 kJ/g
Percent volatile	100 %
Specific gravity	0,64 - 0,67 @ 20ºC
VOC	96,2 % per US State and Federal Consumer Product Regulations; 669 g/L per SCAQMD Rule 102

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	Acids. Strong oxidising agents. Isocyanates. Chlorine.
10.6. Hazardous decomposition products	Carbon oxides.

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.					
Information on likely routes of ex	Information on likely routes of exposure					
Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.					
Skin contact	No adverse effects due to skin contact are expected.					
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	May cause drowsiness and dizziness. Headache. Nausea, vomiting.					
11.1. Information on toxicologica	al effects					
Acute toxicity	Narcotic effects.					
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.					
ACGIH Carcinogens						
Isopropanol (CAS 67-63-0	D) Not classifiable as a human carcinogen. A4					

Hungary. 26/2000 EüM Ordir (as amended) Not listed.	nance on protection against and preventing risk relating to exposure to carcinogens at work
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	May cause drowsiness and dizziness.
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	None known.

SECTION 12: Ecological information

12.1. Toxicity

Toxic to aquatic life with long lasting effects. Due to partial or complete lack of data the classification for hazardous to the aquatic environment, acute hazard, is not possible.

Components		Species	Test results		
Isopropanol (CAS 67-63-0)					
Aquatic					
Fish	LC50	Bluegill (Lepomis macrochirus)	> 1400 mg/l, 96 hours		
12.2. Persistence and degradability					
12.3. Bioaccumulative potentia	I				
Partition coefficient n-octanol/water (log Kow) LPS® CFC Free (Aerosol)		> 1			
Isopropanol		0,05			
Bioconcentration factor (BCF)	Not available	Э.			
12.4. Mobility in soil	No data ava	No data available.			
12.5. Results of PBT and vPvB assessment	Not a PBT o	r vPvB substance or mixture.			
12.6. Other adverse effects	The product potential.	contains volatile organic compounds w	hich have a photochemical ozone creation		

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	Aerosols, flammable	
name		
14.3. Transport hazard class(es)		
Class	2.1	
Subsidiary risk	-	
Label(s)	2.1	
Hazard No. (ADR)	Not available.	

Material name: LPS® CFC Free (Aerosol) - ITW Pro Brands (Rocol EU) M03116 Version #: 01 Issue date: 18-September-2017

Tunnel restriction code D 14.4. Packing group Not available. 14.5. Environmental hazards No. 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. for user 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 available. 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. for user ADN 14.1. UN number UN1950 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk 2.1 Label(s) 14.4. Packing group Not available. 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. for user ΙΑΤΑ 14.1. UN number UN1950 14.2. UN proper shipping Aerosols, flammable name 14.3. Transport hazard class(es) 2.1 Class Subsidiary risk Not available. 14.4. Packing group 14.5. Environmental hazards No. ERG Code 2X 14.6. Special precautions Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. for user Other information Passenger and cargo Allowed with restrictions. aircraft Cargo aircraft only Allowed with restrictions. IMDG 14.1. UN number UN1950 14.2. UN proper shipping AEROSOLS, flammable, MARINE POLLUTANT name 14.3. Transport hazard class(es) Class 2.1 Subsidiary risk 2.1 Label(s) Not available. 14.4. Packing group 14.5. Environmental hazards Marine pollutant Yes F-D, S-U EmS Read safety instructions, SDS and emergency procedures before handling. Read safety 14.6. Special precautions instructions, SDS and emergency procedures before handling. for user Not applicable. 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

ADN; ADR; IATA; IMDG; RID



Marine pollutant



IMDG Regulated Marine Pollutant.

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 Not listed.
- Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended.

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Isopropanol (CAS 67-63-0)

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. Additional information is given in the Safety Data Sheet.
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	 R11 Highly flammable. R12 Extremely flammable. R36 Irritating to eyes. R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67 Vapours may cause drowsiness and dizziness. H225 Highly flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.
Revision information	None.
Training information	Follow training instructions when handling this material.
Disclaimer	Rocol 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.