SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation

LPS® F-104 (Aerosol)

of the mixture

Registration number

Synonyms None.

Part Number 04920, M04920 Issue date 08-December-2013

Version number 01

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

Identified uses A solvent degreasing agent designed for removing tar, adhesives, grease, oil and other residues

from metal and other hard surfaces.

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 name

LPS 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, R43, 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

Flammable aerosols Category 1 H222 - Extremely flammable

aerosol.

Health hazards

Skin sensitisation Category 1 H317 - May cause an allergic skin

reaction.

Environmental hazards

Hazardous to the aquatic environment, Category 2 H411 - Toxic to aquatic life with

long-term aquatic hazard long lasting effects.

Hazard summary

Physical hazards Extremely flammable.

Health hazards May cause sensitisation by skin contact. Occupational exposure to the substance or mixture may

cause adverse health effects.

Environmental hazards Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Specific hazards May cause sensitisation by skin contact. Irritating to eyes and respiratory system. Toxic to aquatic

organisms, may cause long-term adverse effects in the aquatic environment.

Main symptoms Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. May cause sensitization by skin contact. Symptoms may

include redness, oedema, drying, defatting and cracking of the skin. Dermatitis. Rash.

2.2. Label elements

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

Contains: 1-Propoxy-2-Propanol, d-limonene

Hazard pictograms



Signal word Danger

Hazard statements

H222 Extremely flammable aerosol.
H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

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.

P272 Contaminated work clothing should not be allowed out of the workplace.

P273 Avoid release to the environment.

P280 Wear protective gloves.

Response

P391 Collect spillage.

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

P321 Specific treatment (see this label).

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

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 17,4 % of the mixture consists of component(s) of unknown long-term hazards to the aquatic

environment.

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 Hydrotreated 70 - < 80 64742-47-8 - 649-422-00-2

Light 265-149-8

Classification: DSD: Xn;R65

CLP: Asp. Tox. 1;H304, Aquatic Chronic 2;H411

1-Propoxy-2-Propanol 5 - < 10 1569-01-3 - -

216-372-4

Classification: DSD: T+;R27

CLP: -

Propylene glycol monomethyl ether 5 - < 10 108-65-6 - 607-195-00-7 #

acetate 203-603-9

Classification: DSD: R10

CLP: -

04920, M04920 Version No.: 01 Issue date: 08-December-2013

SDS EU

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

d-limonene 3 - < 5 5989-27-5 - 601-029-00-7

227-813-5

Classification: DSD: R10, Xi;R38, R43, N;R50/53

CLP: Flam. Liq. 3;H226, Skin Irrit. 2;H315, Skin Sens. 1;H317, Aquatic Acute 1;H400, Aquatic

Chronic 1;H410

Carbon dioxide 1 - < 3 124-38-9 - +

204-696-9

Classification: DSD: -

CLP: -

Other components below reportable levels < 0,3

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).

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

SECTION 4: First aid measures

General information In the case of accident or if you feel unwell, seek medical advice immediately (show the label

where possible). 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 Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or

artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTRE or doctor/physician if you feel unwell.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes. Get medical attention if irritation develops and

persists.

Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses.

Get medical attention if irritation develops and persists.

Ingestion Call a physician or poison control centre immediately. Only induce vomiting at the instruction of

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

Irritant effects. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Defatting of the skin. Rash. Symptoms of overexposure can include shortness of breath.

drowsiness, headaches, confusion, decreased coordination, visual disturbances and vomiting, and

are reversible if exposure is stopped.

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

Provide general supportive measures and treat symptomatically. In case of shortness of breath,

give oxygen. Keep victim under observation. Symptoms may be delayed.

SECTION 5: Firefighting measures

General fire hazards Extremely flammable aerosol.

5.1. Extinguishing media

Suitable extinguishing

media

Dry chemical powder. Carbon dioxide (CO2). Water spray, fog or regular foam.

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. Fire may produce irritating, corrosive and/or toxic gases.

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. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

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. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate personal protective equipment.

For emergency responders

Keep unnecessary personnel away. Wear appropriate protective equipment and clothing during

6.2. Environmental precautions

Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic

environment.

6.3. Methods and material for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills in original containers for re-use.

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

May be ignited by open flame. 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 breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, on clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C.

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Do not puncture, incinerate or crush. Keep out of the reach of children.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

Not available.

8.1. Control parameters

Occupational exposure limits

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

Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	Ceiling	18000 mg/m3	
		10000 ppm	
	MAK	9000 mg/m3	
		5000 ppm	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	Ceiling	550 mg/m3	
(3.15.15.55.5)		100 ppm	
	MAK	275 mg/m3	
		50 ppm	
Belgium. Exposure Limit Values.			
Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	STEL STEL	Value 54784 mg/m3	
Carbon dioxide (CAS			
Carbon dioxide (CAS		54784 mg/m3	
Carbon dioxide (CAS	STEL	54784 mg/m3 30000 ppm	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	STEL	54784 mg/m3 30000 ppm 9131 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol	STEL	54784 mg/m3 30000 ppm 9131 mg/m3 5000 ppm 550 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	STEL	54784 mg/m3 30000 ppm 9131 mg/m3 5000 ppm 550 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	STEL TWA STEL	54784 mg/m3 30000 ppm 9131 mg/m3 5000 ppm 550 mg/m3	

Material name: LPS® F-104 (Aerosol) - LPS Laboratories (EU) 04920, M04920 Version No.: 01 Issue date: 08-December-2013

Components	Туре	f exposure to chemical agents at work Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
Propylene glycol nonomethyl ether acetate CAS 108-65-6)	STEL	550 mg/m3
CAS 100-03-0)	TWA	275 mg/m3
Cyprus. OELs. Control of factory atmos Components	phere and dangerous substances Type	in factories regulation, PI 311/73, as amended Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
Crack Benublic OFL a Covernment De	oroo 261	5000 ppm
Czech Republic. OELs. Government De Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	Ceiling	45000 mg/m3
121 00 0)	TWA	9000 mg/m3
Propylene glycol monomethyl ether acetate	Ceiling	550 mg/m3
(CAS 108-65-6)	TWA	270 mg/m3
Denmark. Exposure Limit Values		
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3
		5000 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TLV	275 mg/m3
(OAS 100-00-0)		50 ppm
Estonia. OELs. Occupational Exposure	Limits of Hazardous Substances. (Annex of Regulation No. 293 of 18 September
2001) Components	Туре	Value
Carbon dioxide (CAS	TWA	9000 mg/m3
124-38-9)	TWA	•
		5000 ppm
Propylene alycol	STFI	550 mg/m3
monomethyl ether acetate	STEL	550 mg/m3
monomethyl ether acetate	STEL	100 ppm
monomethyl ether acetate	STEL	100 ppm 275 mg/m3
monomethyl ether acetate (CAS 108-65-6)		100 ppm
monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits	TWA	100 ppm 275 mg/m3 50 ppm
monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits Components	TWA Type	100 ppm 275 mg/m3 50 ppm Value
monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits Components Carbon dioxide (CAS	TWA	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3
monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS	TWA Type	100 ppm 275 mg/m3 50 ppm Value
monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS	TWA Type TWA STEL	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm
Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS	TWA Type TWA	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3
Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS 5989-27-5)	TWA Type TWA STEL TWA	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm
Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS 5989-27-5) Propylene glycol monomethyl ether acetate	TWA Type TWA STEL	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm 550 mg/m3
Propylene glycol monomethyl ether acetate (CAS 108-65-6) Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS 5989-27-5) Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA Type TWA STEL TWA STEL	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm 550 mg/m3
Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS 5989-27-5) Propylene glycol monomethyl ether acetate	TWA Type TWA STEL TWA	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm 550 mg/m3 100 ppm 270 mg/m3
France. Threshold Limit Values (VLEP)	TWA Type TWA STEL TWA STEL TWA STEL TWA STEL	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm 550 mg/m3 100 ppm 270 mg/m3 50 ppm micals in France, INRS ED 984
Finland. Workplace Exposure Limits Components Carbon dioxide (CAS 124-38-9) d-limonene (CAS 5989-27-5) Propylene glycol monomethyl ether acetate	TWA Type TWA STEL TWA STEL TWA STEL	100 ppm 275 mg/m3 50 ppm Value 9100 mg/m3 5000 ppm 280 mg/m3 50 ppm 140 mg/m3 25 ppm 550 mg/m3 100 ppm 270 mg/m3 50 ppm

Components	Туре	Value
		5000 ppm
opylene glycol	VLE	550 mg/m3
onomethyl ether acetate		•
CAS 108-65-6)		
		110 ppm
	VME	275 mg/m3
		50 ppm
ermany. DFG MAK List (advisory	OELs). Commission for the I	nvestigation of Health Hazards of Chemical Compou
the Work Area (DFG)	.,	9 9 1
omponents	Type	Value
arbon dioxide (CAS	TWA	9100 mg/m3
24-38-9)	IVVA	9100 mg/m3
<u> </u>		5000 ppm
istillates Petroleum	TWA	140 mg/m3
ydrotreated Light (CAS	IVVA	140 mg/mo
1742-47-8)		
,		20 ppm
-limonene (CAS	TWA	28 mg/m3
989-27-5)		5 -
		5 ppm
ropylene glycol	TWA	270 mg/m3
onomethyl ether acetate		3 -
CAS 108-65-6)		
		50 ppm
ermany. TRGS 900, Limit Values i	n the Ambient Air at the Wor	kplace
omponents	Туре	Value
<u> </u>		0400 / 0
arbon dioxide (CAS	AGW	9100 mg/m3
24-38-9)		5000 ppm
limonono (CAS	AGW	28 mg/m3
-limonene (CAS 989-27-5)	AGW	26 Hig/Hi3
303-21-3)		5 ppm
ropylene glycol	AGW	270 mg/m3
nonomethyl ether acetate	AGW	270 mg/m3
CAS 108-65-6)		
		50 ppm
Proces OELs (Deeres No. 00/4000	as amondod)	
reece. OELs (Decree No. 90/1999, components		Value
omponents	Туре	value
arbon dioxide (CAS	STEL	54000 mg/m3
24-38-9)		•
		5000 ppm
	TWA	9000 mg/m3
		5000 ppm
ropylene glycol	STEL	550 mg/m3
nonomethyl ether acetate		5 -
CAS 108-65-6)		
		100 ppm
	TWA	275 mg/m3
		50 ppm
lungary. OELs. Joint Decree on Cl	nemical Safety of Workplace	• •
omponents		Value
omponenta	Туре	v aluc
arbon dioxide (CAS	TWA	9000 mg/m3
24-38-9)		
ropylene glycol	STEL	550 mg/m3
nonomethyl ether acetate		
CAS 108-65-6)		
	TWA	275 mg/m3
eland. OELs. Regulation 154/1999	on occupational exposure l	mits
omponents	Туре	Value
arbon diovido (CAS	TWA	0000 ma/m2
arbon dioxide (CAS	1 VVA	9000 mg/m3
24-38-9)		

5000 ppm

Components	Туре	Value	
ropylene glycol nonomethyl ether acetate CAS 108-65-6)	STEL	550 mg/m3	
0/10/100/00/0/		100 ppm	
	TWA	275 mg/m3	
		50 ppm	
reland. Occupational Exposure Limits			
Components	Туре	Value	
Carbon dioxide (CAS 24-38-9)	STEL	27000 mg/m3	
		15000 ppm	
	TWA	9000 mg/m3	
hannida a abirad	OTEL	5000 ppm	
ropylene glycol nonomethyl ether acetate CAS 108-65-6)	STEL	550 mg/m3	
,		100 ppm	
	TWA	275 mg/m3	
		50 ppm	
aly. Occupational Exposure Limits	_		
components	Туре	Value	
arbon dioxide (CAS	TWA	9000 mg/m3	
24-38-9)		5000 ppm	
Propylene glycol	STEL	550 mg/m3	
nonomethyl ether acetate CAS 108-65-6)		·	
		100 ppm	
	TWA	275 mg/m3 50 ppm	
atvia. OELs. Occupational exposure li		• •	
		Value	
Components	Туре	Value	
Components Carbon dioxide (CAS		Value 9000 mg/m3	
components Earbon dioxide (CAS 24-38-9)	TWA	Value 9000 mg/m3 5000 ppm	
Components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate	Туре	Value 9000 mg/m3	
Components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate	TWA	Value 9000 mg/m3 5000 ppm	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate	TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3	
components Carbon dioxide (CAS 24-38-9) Cropylene glycol chonomethyl ether acetate CAS 108-65-6)	Type TWA STEL TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm	
Components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) Lithuania. OELs. Limit Values for Cher	Type TWA STEL TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm	
Components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) Lithuania. OELs. Limit Values for Cher Components Carbon dioxide (CAS	Type TWA STEL TWA mical Substances, General Re	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9)	Type TWA STEL TWA mical Substances, General Retype TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate	Type TWA STEL TWA mical Substances, General Re	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate	Type TWA STEL TWA mical Substances, General Retype TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3	
components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) cithuania. OELs. Limit Values for Cher components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate	Type TWA STEL TWA mical Substances, General Retype TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm	
components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) cithuania. OELs. Limit Values for Cher components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate	Type TWA STEL TWA mical Substances, General Retype TWA STEL	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cropylene glycol nonomethyl ether acetate CAS 108-65-6)	Type TWA STEL TWA mical Substances, General Retype TWA STEL TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm	
Components Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9) Cropylene glycol nonomethyl ether acetate CAS 108-65-6) Cuxembourg. Binding Occupational excomponents Carbon dioxide (CAS 24-38-9)	Type TWA STEL TWA mical Substances, General Retype TWA STEL TWA STEL TWA posure limit values (Annex I),	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm	
Components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) Lithuania. OELs. Limit Values for Chercomponents Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) Luxembourg. Binding Occupational excomponents Carbon dioxide (CAS 24-38-9)	Type TWA STEL TWA mical Substances, General Re Type TWA STEL TWA STEL TWA posure limit values (Annex I), Type	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm Memorial A Value 9000 mg/m3	
components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) ithuania. OELs. Limit Values for Cher components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) uxembourg. Binding Occupational ex components Carbon dioxide (CAS 24-38-9)	Type TWA STEL TWA mical Substances, General Retype TWA STEL TWA STEL TWA posure limit values (Annex I), Type TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm Memorial A Value 9000 mg/m3 5000 ppm	
components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) cithuania. OELs. Limit Values for Chere components Carbon dioxide (CAS 24-38-9) Propylene glycol nonomethyl ether acetate CAS 108-65-6) cuxembourg. Binding Occupational expensions carbon dioxide (CAS 24-38-9) cropylene glycol components Carbon dioxide (CAS 24-38-9)	Type TWA STEL TWA mical Substances, General Re Type TWA STEL TWA STEL TWA posure limit values (Annex I), Type	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm Memorial A Value 9000 mg/m3	
Components Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate (CAS 108-65-6) Lithuania. OELs. Limit Values for Cher Components Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate (CAS 108-65-6) Luxembourg. Binding Occupational ex (CAS 108-65-6) Luxembourg. Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate (CAS 108-65-6)	Type TWA STEL TWA mical Substances, General Retype TWA STEL TWA STEL TWA posure limit values (Annex I), Type TWA	Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm quirements Value 9000 mg/m3 5000 ppm 400 mg/m3 75 ppm 250 mg/m3 50 ppm Memorial A Value 9000 mg/m3 5000 ppm	

50 ppm

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

Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3	
•		5000 ppm	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3	
,		100 ppm	
	TWA	275 mg/m3	
		50 ppm	
Netherlands. OELs (binding)			
Components	Type	Value	
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	550 mg/m3	
Norway. Administrative Norms for	Contaminants in the Workpl	ace	
Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	TLV	9000 mg/m3	
,		5000 ppm	
d-limonene (CAS 5989-27-5)	TLV	140 mg/m3	
,		25 ppm	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TLV	270 mg/m3	
(50 ppm	

Poland. MACs. Minister of Labour and Social Policy Regarding Maximum Allowable Concentrations and Intensities in **Working Environment**

Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	STEL	27000 mg/m3	
	TWA	9000 mg/m3	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	520 mg/m3	
(TWA	260 mg/m3	

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

Components	Турс	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	5000 ppm 550 mg/m3
	TWA	100 ppm 275 mg/m3 50 ppm

Portugal. VLEs. Norm on occupational exposure to chemical agents (NP 1796)			
Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	STEL	30000 ppm	
,	TWA	5000 ppm	

Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
	0.751	5000 ppm
Propylene glycol monomethyl ether acetate	STEL	550 mg/m3
(CAS 108-65-6)		100 ppm
	TWA	275 mg/m3
		50 ppm
Slovakia. OELs. Regulation No. 300/200 Components	7 concerning protection Type	of health in work with chemical agents Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
.21 00 0,		5000 ppm
Propylene glycol	TWA	275 mg/m3
monomethyl ether acetate (CAS 108-65-6)		
		50 ppm
Slovenia. OELs. Regulations concernin (Official Gazette of the Republic of Slov		against risks due to exposure to chemicals while workin
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
,		5000 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	TWA	275 mg/m3
(CAS 100-03-0)		50 ppm
Spain. Occupational Exposure Limits		
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9150 mg/m3
		5000 ppm
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	550 mg/m3
(100 ppm
	TWA	275 mg/m3
0	7.1	50 ppm
Sweden. Occupational Exposure Limit \ Components	zaiues Type	Value
Carbon dioxide (CAS	STEL	18000 mg/m3
124-38-9)	0.==	· ·
	TWA	10000 ppm
	IVVA	9000 mg/m3 5000 ppm
Propylene glycol	STEL	400 mg/m3
monomethyl ether acetate (CAS 108-65-6)		•
	TWA	75 ppm
	TWA	250 mg/m3 50 ppm
Switzerland. SUVA Grenzwerte am Arbe	itsplatz	rr···
Components	Туре	Value
Carbon dioxide (CAS 124-38-9)	TWA	9000 mg/m3
.2. 30 3/		5000 ppm
d-limonene (CAS 5989-27-5)	STEL	80 mg/m3
5000 Z1-0)		14 ppm
	TWA	40 mg/m3
		7 ppm

Components	Туре	Value	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	275 mg/m3	
		50 ppm	
	TWA	275 mg/m3	
		50 ppm	
UK. EH40 Workplace Expos	ure Limits (WELs)		
Components	Туре	Value	
Carbon dioxide (CAS 124-38-9)	STEL	27400 mg/m3	
121 00 0)		15000 ppm	
	TWA	9150 mg/m3	
		5000 ppm	
Propylene glycol monomethyl ether acetate (CAS 108-65-6)	STEL	548 mg/m3	
(2,12,132,32,3)		100 ppm	
	TWA	274 mg/m3	
		3 -	
		50 ppm	
FIL Indicative Exposure Lin	nit Values in Directives 91/322/FFC	50 ppm	
EU. Indicative Exposure Lin Components	nit Values in Directives 91/322/EEC, 2 Type	50 ppm 2000/39/EC, 2006/15/EC, 2009/161/EU Value	
Components		2000/39/EC, 2006/15/EC, 2009/161/EU	
Carbon dioxide (CAS	Туре	2000/39/EC, 2006/15/EC, 2009/161/EU Value	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	Туре	2000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol	Type TWA	2000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	Type TWA	2000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm 550 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	Type TWA STEL	9000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm 550 mg/m3	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate (CAS 108-65-6)	Type TWA STEL TWA	2000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate (CAS 108-65-6) ogical limit values ommended monitoring	Type TWA STEL	9000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm or the ingredient(s).	
Carbon dioxide (CAS 124-38-9) Propylene glycol monomethyl ether acetate	Type TWA STEL TWA No biological exposure limits noted for	9000/39/EC, 2006/15/EC, 2009/161/EU Value 9000 mg/m3 5000 ppm 550 mg/m3 100 ppm 275 mg/m3 50 ppm or the ingredient(s).	

Exposure guidelines

EU Exposure Limit Values: Skin designation

Propylene glycol monomethyl ether acetate (CAS

108-65-6)

8.2. Exposure controls

Appropriate engineering

Eye/face protection

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.

Can be absorbed through the skin.

Individual protection measures, such as personal protective equipment

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

discussion with the supplier of the personal protective equipment. Use personal protective

Wear safety glasses with side shields (or goggles). Eye wash fountain is recommended.

equipment as required.

Skin protection - Hand protection Chemical resistant gloves are recommended.

- Other Avoid contact with clothing. Wear suitable protective clothing. Chemical resistant gloves.

No personal respiratory protective equipment normally required. Use a positive-pressure Respiratory protection

air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not

known, or any other circumstances where air-purifying respirators may not provide adequate

protection.

Thermal hazards Not applicable.

Material name: LPS® F-104 (Aerosol) - LPS Laboratories (EU) 04920, M04920 Version No.: 01 Issue date: 08-December-2013 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

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 Clear water-white
Odour Mild. Orange.
Odour threshold Not established
pH Not applicable
Melting point/freezing point Not established
Initial boiling point and boiling

Clear water-white
Mild. Orange.
Not established
157 °C (314,6 °F)

range

Flash point 40,0 °C (104,0 °F) Tag closed cup (dispensed liquid)

Evaporation rate 0,2 (BuAc = 1)
Flammability (solid, gas) Not available.
Upper/lower flammability or explosive limits

Flammability limit - lower

0.7 %

(%)

Flammability limit - upper

6 %

(%)

Vapour pressure 2 mm Hg @20°C

Vapour density 4,8 - 5,3
Relative density Not available.

Solubility(ies)

Solubility (water) Slightly soluble in water.

Solubility (other) Not available.

Partition coefficient < 1

(n-octanol/water)

Auto-ignition temperature

> 228 °C (> 442,4 °F)

Decomposition temperatureNot establishedViscosity< 3 cSt @25°C</th>Explosive propertiesNot available.Oxidizing propertiesNot available.

9.2. Other information

Heat of combustion > 30 kJ/g Percent volatile 100 %

Specific gravity 0,77 - 0,79 @20°C

VOC (Weight %) 97,2 % per US State and 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 Heat, flames and sparks. 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

Ingestion May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of

occupational exposure.

Inhalation Prolonged inhalation may be harmful.

Skin contact May cause sensitisation by 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.

Symptoms Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing,

redness, swelling, and blurred vision. May cause an allergic skin reaction.

11.1. Information on toxicological effects

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

Components	Species	Test results
1-Propoxy-2-Propanol (CAS	3 1569-01-3)	
Acute		
Dermal		
LD50	Rabbit	4,29 ml/kg
		3,17 mg/kg
Inhalation		
LC50	Rat	> 1725 ppm
Oral		
LD50	Mouse	260 mg/kg
	Rat	> 2000 mg/kg
		2,83 ml/kg
Distillates Petroleum Hydrot	treated Light (CAS 64742-47-8)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Cat	> 6,4 mg/l
	Rat	> 0,1 mg/l
Oral		
LD50	Rat	> 5000 mg/kg
d-limonene (CAS 5989-27-5	5)	
Acute		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Oral		
LD50	Mouse	5600 - 6600 mg/kg
	Rat	> 2000 mg/kg
Other		
LD50	Mouse	1,3 g/kg
	Rat	0,11 g/kg
Propylene glycol monometh	yl ether acetate (CAS 108-65-6)	
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg
Oral		
LD50	Rat	> 5000 mg/kg

^{*} Estimates for product may be based on additional component data not shown.

Skin corrosion/irritationBased on available data, the classification criteria are not met.Serious eye damage/eyeBased on available data, the classification criteria are not met.

irritation

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

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Skin sensitisation May cause sensitisation by skin contact. Frequent or prolonged contact may defat and dry the

skin, leading to discomfort and dermatitis.

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

mutagenic or genotoxic.

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

IARC Monographs. Overall Evaluation of Carcinogenicity

d-limonene (CAS 5989-27-5)

3 Not classifiable as to carcinogenicity to humans.

Reproductive toxicity Specific target organ toxicity -

single exposure

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

This product is not expected to cause reproductive or developmental effects.

Specific target organ toxicity -

repeated exposure

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

May be fatal if swallowed and enters airways. Not likely, due to the form of the product. **Aspiration hazard**

Mixture versus substance

information

No information available.

Not available Other information

SECTION 12: Ecological information

12.1. Toxicity Expected to be toxic to aquatic organisms. May cause long-term adverse effects in the

environment.

Components **Test results**

Distillates Petroleum Hydrotreated Light (CAS 64742-47-8)

Aquatic

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

(Oncorhynchus mykiss)

d-limonene (CAS 5989-27-5)

Aquatic

EC50 Crustacea Water flea (Daphnia pulex) 69,6 mg/l, 48 hours

Fish LC50 Fathead minnow (Pimephales promelas) 0,619 - 0,796 mg/l, 96 hours

12.2. Persistence and

degradability

Not inherently biodegradable.

12.3. Bioaccumulative potential Not available.

Partition coefficient n-octanol/water (log Kow)

LPS® F-104 (Aerosol) < 1 1-Propoxy-2-Propanol 0.621 d-limonene 4,232

Bioconcentration factor (BCF) Not available.

Readily absorbed into soil. 12.4. Mobility in soil

12.5. Results of PBT

and vPvB assessment Not available

Not available. 12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the

ground.

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

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

disposal company.

Contents under pressure. This material and its container must be disposed of as hazardous waste. Disposal methods/information

Do not discharge into drains, water courses or onto the ground. Dispose of contents/container in

accordance with local/regional/national/international regulations.

Dispose in accordance with all applicable regulations. Special precautions

Material name: LPS® F-104 (Aerosol) - LPS Laboratories (EU) 04920, M04920 Version No.: 01 Issue date: 08-December-2013

^{*} Estimates for product may be based on additional component data not shown.

SECTION 14: Transport information

ADR

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable (d-limonene, Naphtha)

name

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 applicable.

14.5. Environmental hazards Yes

14.6. Special precautions Not available.

for user

RID

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable (d-limonene, Naphtha)

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 Yes

14.6. Special precautions Not available.

for user

ADN

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable (d-limonene, Naphtha)

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 Yes

14.6. Special precautions Not available.

for user

IATA

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable (d-limonene, Naphtha)

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 Yes

14.6. Special precautions Not available.

for user

Other information

Passenger and cargo Allowed.

aircraft

Cargo aircraft only Allowed.

IMDG

14.1. UN number UN1950

14.2. UN proper shipping Aerosols, flammable (d-limonene, Naphtha), MARINE POLLUTANT

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

Marine pollutantYesEmSF-D, S-U14.6. Special precautionsNot available.

for user

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

Not available.

ADN; ADR; IATA; IMDG; RID



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

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

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.

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

Not listed.

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

Not listed.

Other EU regulations

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

Not listed.

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 Hydrotreated Light (CAS 64742-47-8)

d-limonene (CAS 5989-27-5)

Propylene glycol monomethyl ether acetate (CAS 108-65-6)

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

d-limonene (CAS 5989-27-5)

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.

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

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

R10 Flammable.

R12 Extremely flammable.

R27 Very toxic in contact with skin.

R38 Irritating to skin.

R43 May cause sensitisation by skin contact.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

R65 Harmful: may cause lung damage if swallowed.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects. H411 Toxic to aquatic life with long lasting effects.

Revision information Non

Training informationFollow training instructions when handling this material. **Disclaimer**The information provided in this Safety Data Sheet is co

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.