



SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture	LPS® Copper Anti-Seize Aerosol
Registration number	-
Synonyms	None.
Part Number	02916, M02916
Issue date	25-August-2015
Version number	02
Revision date	11-March-2016
Supersedes date	10-March-2016

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

Identified uses	A low-friction anti-seize spray lubricant designed to prevent seizure and galling and resist settling and hardening of welding.
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, Xi;R36-38, R67, N;R50/53

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.
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Health hazards

Skin corrosion/irritation	Category 2	H315 - Causes skin irritation.
Serious eye damage/eye irritation	Category 2	H319 - Causes serious eye irritation.
Specific target organ toxicity - single exposure	Category 3 narcotic effects	H336 - May cause drowsiness or dizziness.

Environmental hazards

Hazardous to the aquatic environment, acute aquatic hazard	Category 1	H400 - Very toxic to aquatic life.
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Hazard summary

Physical hazards	Extremely flammable.
Health hazards	Irritating to eyes. Irritating to skin. Vapours may cause drowsiness and dizziness. Occupational exposure to the substance or mixture may cause adverse health effects.
Environmental hazards	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Specific hazards	Extremely flammable. Irritating to eyes and skin. May cause central nervous system effects. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Main symptoms	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

2.2. Label elements

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

Contains:	Acetone, Aluminum Benzoate Fatty Acid Complex, Calcium Carbonte, Copper, Graphite, Light Mineral Spirits, Molydenum Disulfide, Petroleum Gases, Liquefied, Sweetened, residual oils, petroleum, solvent refined, Solvent naphtha (petroleum), light aliphatic, Talc, containing no asbestos or crystalline silica
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Hazard pictograms



Signal word	Danger
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Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurized container: May burst if heated.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very 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.
P264	Wash thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P280	Wear eye protection/face protection.
P280	Wear protective gloves.

Response

P302 + P352	IF ON SKIN: Wash with plenty of water.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

Storage

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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Supplemental label information	93,6 % of the mixture consists of component(s) of unknown acute hazards to the aquatic environment.
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2.3. Other hazards	None known.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Petroleum Gases, Liquefied, Sweetened	30 - 40	68476-86-8 270-705-8	-	649-203-00-1	
Classification:	DSD: F+;R12, Carc. Cat. 1;R45, Muta. Cat. 2;R46				K,S
	CLP: Muta. 1B;H340, Carc. 1A;H350				K,S,U
Light Mineral Spirits	10 - 20	64742-88-7 265-191-7	-	649-405-00-X	
Classification:	DSD: Xn;R65-48/20				
	CLP: Asp. Tox. 1;H304, Skin Irrit. 2;H315, STOT SE 3;H336				
Petroleum Oil	10 - 20	64742-52-5 265-155-0	-	649-465-00-7	Note L
Classification:	DSD: Carc. Cat. 2;R45				L
	CLP: Asp. Tox. 1;H304, Skin Irrit. 2;H315, Eye Irrit. 2;H319, Carc. 1B;H350				L
residual oils, petroleum, solvent refined	10 - 20	64742-01-4 265-101-6	-	649-459-00-4	Note L
Classification:	DSD: Carc. Cat. 2;R45				L
	CLP: Asp. Tox. 1;H304, Carc. 1B;H350				L
Copper	1 - 5	7440-50-8 231-159-6	-	-	M=100
Classification:	DSD: Xn;R20/22, N;R50/53				
	CLP: Acute Tox. 3;H301, Aquatic Acute 1;H400, Aquatic Chronic 1;H410				
Solvent naphtha (petroleum), light aliphatic	1 - 5	64742-89-8 265-192-2	-	649-267-00-0	Note P
Classification:	DSD: Carc. Cat. 2;R45, Muta. Cat. 2;R46, Xn;R65				P
	CLP: Asp. Tox. 1;H304, Acute Tox. 4;H312, Acute Tox. 3;H331, Muta. 1B;H340, Carc. 1B;H350				P
Acetone	1 - 3	67-64-1 200-662-2	-	606-001-00-8	#
Classification:	DSD: F;R11, Xi;R36, R66-67				
	CLP: Flam. Liq. 2;H225, Eye Irrit. 2;H319, STOT SE 3;H336				
Aluminum Benzoate Fatty Acid Complex	1 - 3	82980-54-9 -	-	-	
Classification:	DSD: -				
	CLP: -				
Calcium Carbonte	1 - 3	471-34-1 207-439-9	-	-	
Classification:	DSD: -				
	CLP: -				

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Graphite	1 - 3	7782-42-5 231-955-3	-	-	
Classification:	DSD: -				
	CLP: -				
Magnesium Silicate Hydrate	1 - 3	14807-96-6 238-877-9	-	-	
Classification:	DSD: -				
	CLP: -				
Molybdenum Disulfide	1 - 3	1317-33-5 215-263-9	-	-	
Classification:	DSD: -				
	CLP: -				
Talc, containing no asbestos or crystalline silica	1 - 3	12001-26-2 -	-	-	
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.

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	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	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	In the unlikely event of swallowing contact a physician or poison control centre. Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed Provide general supportive measures and treat symptomatically. 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	Water spray. Alcohol resistant foam. Powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use a solid water stream as it may scatter and spread 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. Do not move cargo or vehicle if cargo has been exposed to heat. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Specific methods

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. 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. 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 entry into waterways, sewer, basements or confined areas. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

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

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 breathing gas. Avoid contact with eyes, skin, and clothing. 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. 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	Form
Acetone (CAS 67-64-1)	MAK	1200 mg/m3	
	STEL	500 ppm 4800 mg/m3	
Copper (CAS 7440-50-8)	MAK	2000 ppm 1 mg/m3	Inhalable fraction.
	STEL	0,1 mg/m3 4 mg/m3	Fume and respirable dust.
Graphite (CAS 7782-42-5)	MAK	0,4 mg/m3	Inhalable fraction.
		5 mg/m3	Fume and respirable dust.
			Respirable dust.

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

Components	Type	Value	Form
Magnesium Silicate Hydrate (CAS 14807-96-6)	STEL	10 mg/m3	Respirable dust.
	MAK	2 mg/m3	Respirable fraction.

Belgium. Exposure Limit Values.

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	2420 mg/m3	
		1000 ppm	
	TWA	1210 mg/m3	
		500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3	Dust and mist.
Graphite (CAS 7782-42-5)	TWA	0,2 mg/m3	Fume.
		2 mg/m3	Respirable fraction.
	TWA	2 mg/m3	
Magnesium Silicate Hydrate (CAS 14807-96-6)			
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	1400 mg/m3	
	TWA	600 mg/m3	
Copper (CAS 7440-50-8)	TWA	0,1 mg/m3	
Graphite (CAS 7782-42-5)	TWA	5 mg/m3	Inhalable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	1 fibers/cm3	Respirable fraction.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	6 mg/m3	Inhalable fraction.
		3 mg/m3	Respirable fraction.
		6 mg/m3	Inhalable fraction.
		3 mg/m3	Respirable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	MAC	1210 mg/m3	
		500 ppm	
	STEL	3620 mg/m3	
Copper (CAS 7440-50-8)	MAC	1500 ppm	Dust and fume.
		0,21 mg/m3	
	STEL	2 mg/m3	
Graphite (CAS 7782-42-5)	MAC	4 mg/m3	Respirable dust.
		10 mg/m3	
		10 mg/m3	
Magnesium Silicate Hydrate (CAS 14807-96-6)	MAC	1 mg/m3	Respirable dust.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	MAC	10 mg/m3	Total dust.
		0,8 mg/m3	Respirable dust.

Cyprus. OELs. Control of factory atmosphere and dangerous substances in factories regulation, PI 311/73, as amended.

Components	Type	Value	Form
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m3	
Copper (CAS 7440-50-8)	TWA	0,2 mg/m3	Fume.
Graphite (CAS 7782-42-5)	TWA	10 mg/m3	
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	706 part/cm3	

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Acetone (CAS 67-64-1)	Ceiling	1500 mg/m3	
	TWA	800 mg/m3	

Czech Republic. OELs. Government Decree 361

Components	Type	Value	Form
Copper (CAS 7440-50-8)	Ceiling	2 mg/m3	Dust.
		0,2 mg/m3	Fume.
	TWA	1 mg/m3	Dust.
		0,1 mg/m3	Fume.
Graphite (CAS 7782-42-5)	TWA	10 mg/m3	Respirable dust.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	10 mg/m3	Total dust.
		10 mg/m3	Respirable dust.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	10 mg/m3	Total dust.
		10 mg/m3	Total dust.
		10 mg/m3	Respirable dust.

Denmark. Exposure Limit Values

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TLV	600 mg/m3 250 ppm	
Copper (CAS 7440-50-8)	TLV	1 mg/m3 0,1 mg/m3	Dust. Fume.
Graphite (CAS 7782-42-5)	TLV	2,5 mg/m3	Respirable.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,2 mg/m3	Total dust. Respirable dust.
Graphite (CAS 7782-42-5)	TWA	5 mg/m3	Dust.

Finland. Workplace Exposure Limits

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	1500 mg/m3 630 ppm	
	TWA	1200 mg/m3 500 ppm	
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m3	Dust.
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,1 mg/m3	Respirable dust and/or fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	
Magnesium Silicate Hydrate (CAS 14807-96-6)	STEL	2 ppm	Inhalable dust.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	1 ppm	Respirable.
		10 mg/m3	Dust.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	VLE	2420 mg/m3 1000 ppm	
	VME	1210 mg/m3 500 ppm	
		10 mg/m3	
Calcium carbonate (CAS 471-34-1)	VME	10 mg/m3	
Copper (CAS 7440-50-8)	VLE	2 mg/m3	Dust.
Graphite (CAS 7782-42-5)	VME	1 mg/m3	Dust.
	VME	0,2 mg/m3	Fume.
		2 mg/m3	Respirable fraction.

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
Acetone (CAS 67-64-1)	TWA	1200 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	0,01 mg/m3	Respirable fraction.
Graphite (CAS 7782-42-5)	TWA	4 mg/m3 1,5 mg/m3	Inhalable fraction. Respirable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	AGW	1200 mg/m3 500 ppm	
Graphite (CAS 7782-42-5)	AGW	10 mg/m3 1,25 mg/m3	Inhalable fraction. Respirable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	AGW	10 mg/m3 1,25 mg/m3	Inhalable fraction. Respirable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL TWA	3560 mg/m3 1780 mg/m3	
Copper (CAS 7440-50-8)	STEL TWA	2 mg/m3 1 mg/m3	Dust. Dust.
Graphite (CAS 7782-42-5)	TWA	0,2 mg/m3 5 mg/m3 10 mg/m3	Fume. Respirable. Inhalable
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3 10 mg/m3	Respirable. Inhalable

Hungary. OELs. Joint Decree on Chemical Safety of Workplaces

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL TWA	2420 mg/m3 1210 mg/m3	
Copper (CAS 7440-50-8)	STEL TWA	4 mg/m3 0,4 mg/m3 1 mg/m3	Smoke.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	0,1 mg/m3 2 mg/m3	Smoke. Respirable.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	600 mg/m3 250 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,1 mg/m3	Total dust. Respirable dust.
Graphite (CAS 7782-42-5)	TWA	5 mg/m3 2,5 mg/m3	Total dust. Respirable dust.

Ireland. Occupational Exposure Limits

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	STEL TWA	2 mg/m3 1 mg/m3 0,2 mg/m3	Dust and mist. Dust and mist. Fume.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	10 mg/m3	Total inhalable dust.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	0,8 mg/m3 10 mg/m3 0,8 mg/m3	Respirable dust. Total inhalable dust. Respirable dust.

Italy. Occupational Exposure Limits

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,2 mg/m3	Dust and mist. Fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Calcium carbonate (CAS 471-34-1)	TWA	6 mg/m3	
Copper (CAS 7440-50-8)	STEL	1 mg/m3	
	TWA	0,5 mg/m3	
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Dust.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	2420 mg/m3 1000 ppm	
	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,2 mg/m3	Inhalable fraction. Respirable fraction.
Graphite (CAS 7782-42-5)	TWA	3 mg/m3	Dust.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Inhalable fraction.
		1 mg/m3	Respirable fraction.

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

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 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
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm

Netherlands. OELs (binding)

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	2420 mg/m3	
	TWA	1210 mg/m3	
Copper (CAS 7440-50-8)	TWA	0,1 mg/m3	Inhalable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	0,25 mg/m3	Respirable dust.

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TLV	295 mg/m3 125 ppm	
Copper (CAS 7440-50-8)	TLV	1 mg/m3 0,1 mg/m3	Dust. Fume.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TLV	6 mg/m3	Total dust.
		2 mg/m3	Respirable dust.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	1800 mg/m3	
	TWA	600 mg/m3	
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m3	Inhalable fraction.
Copper (CAS 7440-50-8)	TWA	0,2 mg/m3	
Graphite (CAS 7782-42-5)	TWA	4 mg/m3	Inhalable fraction.
		1 mg/m3	Respirable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	4 mg/m3	Inhalable fraction.
		1 mg/m3	Respirable fraction.

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

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	750 ppm	
	TWA	500 ppm	
Calcium carbonate (CAS 471-34-1)	TWA	10 mg/m3	
Copper (CAS 7440-50-8)	TWA	1 mg/m3	Dust and mist.
		0,2 mg/m3	Fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	STEL	1,5 mg/m3	Dust.
		0,2 mg/m3	Fume.
	TWA	0,5 mg/m3	Dust.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Inhalable fraction.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	Inhalable fraction.

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

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3	Inhalable fraction.
		0,2 mg/m3	Respirable fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Respirable fraction.
		2 mg/m3	Respirable fraction.
		10 mg/m3	Total
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
		2 mg/m3	Respirable fraction.
		10 mg/m3	Total
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	2 mg/m3	Respirable fraction.
		2 mg/m3	Respirable fraction.
		10 mg/m3	Total

**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	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,1 mg/m3	Inhalable fraction. Respirable fume.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.

Spain. Occupational Exposure Limits

Components	Type	Value	Form
Acetone (CAS 67-64-1)	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,2 mg/m3	Dust and mist. Fume.
Graphite (CAS 7782-42-5)	TWA	2 mg/m3	Dust.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable fraction.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable fraction.

Sweden. Occupational Exposure Limit Values

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	1200 mg/m3 500 ppm	
	TWA	600 mg/m3 250 ppm	
Copper (CAS 7440-50-8)	TWA	1 mg/m3 0,2 mg/m3	Total dust. Respirable dust.
Graphite (CAS 7782-42-5)	TWA	0,2 fibers/mL 5 mg/m3	Total dust.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Total dust.
		1 mg/m3	Respirable dust.

Switzerland. SUVA Grenzwerte am Arbeitsplatz

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	2400 mg/m3 1000 ppm	
	TWA	1200 mg/m3 500 ppm	
Calcium carbonate (CAS 471-34-1)	TWA	3 mg/m3	Respirable dust.
Copper (CAS 7440-50-8)	STEL	0,2 mg/m3	Inhalable dust.
	TWA	0,1 mg/m3	Inhalable dust.
Graphite (CAS 7782-42-5)	TWA	5 mg/m3 2,5 mg/m3	Inhalable dust. Respirable dust.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	2 mg/m3	Respirable dust.
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	3 mg/m3	Respirable dust.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
Acetone (CAS 67-64-1)	STEL	3620 mg/m3 1500 ppm	
	TWA	1210 mg/m3 500 ppm	
Copper (CAS 7440-50-8)	STEL	2 mg/m3	Inhalable dusts and mists.
	TWA	1 mg/m3 0,2 mg/m3	Inhalable dusts and mists. Fume.
Magnesium Silicate Hydrate (CAS 14807-96-6)	TWA	1 mg/m3	Respirable dust.

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
Talc, containing no asbestos or crystalline silica (CAS 12001-26-2)	TWA	10 mg/m ³	Inhalable
		0,8 mg/m ³	Respirable.

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

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	1210 mg/m ³ 500 ppm

Biological limit values**Croatia. BLV. Dangerous Substance Exposure Limit Values at Workplace, Annexes 4 (as amended)**

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	20 mg/g	Acetone	Creatinine in urine	*
	20 mg/l	Acetone	Blood	*
	0,34 mmol/l	Acetone	Blood	*
	38,95 mmol/mol	Acetone	Creatinine in urine	*

* - For sampling details, please see the source document.

France. Biological indicators of exposure (IBE) (National Institute for Research and Security (INRS, ND 2065)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	100 mg/l	Acétone	Urine	*

* - For sampling details, please see the source document.

Germany. TRGS 903, BAT List (Biological Limit Values)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*

* - For sampling details, please see the source document.

Slovakia. BLVs (Biological Limit Value). Regulation no. 355/2006 concerning protection of workers exposed to chemical agents, Annex 2

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	53,36 mg/g	Acetone	Creatinine in urine	*
	80 mg/l	Acetone	Urine	*

* - For sampling details, please see the source document.

Spain. Biological Limit Values (VLBs), Occupational Exposure Limits for Chemical Agents, Table 4

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	50 mg/l	Acetona	Urine	*

* - For sampling details, please see the source document.

Switzerland. BAT-Werte (Biological Limit Values in the Workplace as per SUVA)

Components	Value	Determinant	Specimen	Sampling time
Acetone (CAS 67-64-1)	80 mg/l	Aceton	Urine	*

* - For sampling details, please see the source document.

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

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

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. Suitable gloves can be recommended by the glove supplier.
- Other	Wear appropriate chemical resistant 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	Copper Brown.
Odour	Slight petroleum odor
Odour threshold	Not available.
pH	Not available.
Melting point/freezing point	260 °C (500 °F)
Initial boiling point and boiling range	Not available.
Flash point	> 40,0 °C (> 104,0 °F) Tag closed cup
Evaporation rate	> 1 BuAc
Flammability (solid, gas)	Flammable gas.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not soluble
Solubility (other)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	6600 cP @ 25°C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information

Heat of combustion	> 30 kJ/g
Percent volatile	40 - 50 %
Specific gravity	0,99 @ 20°C
VOC	39,4 % per 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. Acids.

10.6. Hazardous decomposition products

Carbon oxides. Nitrogen compounds. Sulphur compounds.

SECTION 11: Toxicological information**General information**

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

Information on likely routes of exposure**Inhalation**

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.

Skin contact

Causes skin irritation.

Eye contact

Causes serious eye 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. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

11.1. Information on toxicological effects**Acute toxicity**

Narcotic effects.

Components**Species****Test results**

Acetone (CAS 67-64-1)

Acute**Dermal**

LD50

Rabbit

> 20 ml/kg, 24 Hours

Inhalation*Vapour*

LC50

Rat

50,1 mg/l, 4 Hours

Oral

LD50

Rat

9,1 ml/kg

Calcium Carbonte (CAS 471-34-1)

Acute**Dermal**

LD50

Rat

> 2000 mg/kg, 24 Hours

Inhalation*Aerosol*

LC50

Rat

> 3 mg/l, 4 Hours

Oral

LD50

Mouse

6450 mg/kg

Rat

> 2000 mg/kg

Copper (CAS 7440-50-8)

Acute**Dermal**

LD50

Rat

> 2000 mg/kg, 24 Hours

Inhalation

LC50

Rat

> 5,11 mg/l, 4 Hours

Oral

LD50

Rat

481 mg/kg

Graphite (CAS 7782-42-5)

Acute**Inhalation**

LC50

Rat

> 2000 mg/m3, 4 Hours

Oral

LD50

Rat

> 2000 mg/kg

Light Mineral Spirits (CAS 64742-88-7)

Acute**Dermal**

LD50

Rabbit

> 2000 mg/kg

Components	Species	Test results
		> 2000 mg/kg, 24 Hours
Inhalation		
<i>Aerosol</i>		
LC50	Cat	> 6,4 mg/l, 6 Hours
	Rat	> 7,5 mg/l, 6 Hours
		> 4,3 mg/l, 4 Hours
<i>Vapour</i>		
LC50	Rat	> 0,1 mg/l, 8 Hours
Oral		
LD50	Rat	> 5000 mg/kg
Petroleum Oil (CAS 64742-52-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Inhalation		
LC50	Rat	> 3,9 mg/l, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
residual oils, petroleum, solvent refined (CAS 64742-01-4)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 2000 mg/kg
		> 2000 mg/kg, 24 Hours
Inhalation		
<i>Aerosol</i>		
LC50	Rat	2,18 mg/l, 4 Hours
Oral		
LD50	Rat	> 2000 mg/kg
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 1900 mg/kg, 24 Hours
Inhalation		
<i>Vapour</i>		
LC50	Rat	> 5000 mg/m3, 4 Hours
		> 4980 mg/m3
		> 4980 mg/m3, 4 Hours
		> 4,96 mg/l, 4 Hours
Oral		
LD50	Rat	4820 mg/kg
Skin corrosion/irritation	Causes skin irritation.	
Serious eye damage/eye irritation	Causes serious eye irritation.	
Respiratory sensitisation	Not a respiratory sensitizer.	
Skin sensitisation	This product is not expected to cause skin sensitisation.	
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.	
ACGIH Carcinogens		
Acetone (CAS 67-64-1)	Not classifiable as a human carcinogen. A4	
Hungary. 26/2000 EüM Ordinance on protection against and preventing risk relating to exposure to carcinogens at work (as amended)		
Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)		
Petroleum Oil (CAS 64742-52-5)		
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)		

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	Symptoms may be delayed.

SECTION 12: Ecological information

12.1. Toxicity Very toxic to aquatic life with long lasting effects.

Components		Species	Test results
Acetone (CAS 67-64-1)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	10294 - 17704 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Calcium Carbonte (CAS 471-34-1)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	> 56000 mg/l, 96 hours
Copper (CAS 7440-50-8)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	0,036 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0,0319 - 0,0544 mg/l, 96 hours

12.2. Persistence and degradability Not inherently biodegradable.

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water (log Kow)

Acetone -0,24

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.

12.7. Additional information

Estonia Dangerous substances in groundwater Data

Copper (CAS 7440-50-8) Copper (Cu) 1000 UG/L
Copper (Cu) 15 UG/L

Estonia Dangerous substances in soil Data

Copper (CAS 7440-50-8) Copper (Cu) 100 mg/kg
Copper (Cu) 150 mg/kg
Copper (Cu) 500 mg/kg

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	D
14.4. Packing group	Not applicable.
14.5. Environmental hazards	Yes
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 applicable.
14.5. Environmental hazards	Yes
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 applicable.
14.5. Environmental hazards	Yes
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 applicable.
14.5. Environmental hazards	Yes
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, MARINE POLLUTANT

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 pollutant Yes

EmS F-D, S-U

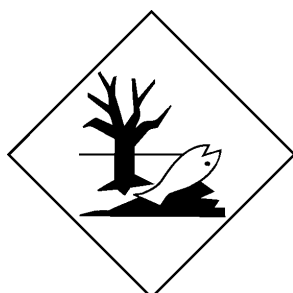
14.6. Special precautions for user Read safety instructions, SDS and emergency procedures before handling.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable.

ADN; ADR; IATA; IMDG; RID



Marine pollutant



General information

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

Acetone (CAS 67-64-1)
Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)
Petroleum Oil (CAS 64742-52-5)
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)

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

Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)
Petroleum Oil (CAS 64742-52-5)
Solvent naphtha (petroleum), light aliphatic (CAS 64742-89-8)

Other EU regulations

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

Acetone (CAS 67-64-1)
Petroleum Gases, Liquefied, Sweetened (CAS 68476-86-8)

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, as amended.

National regulations

Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work, as amended.

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.
R20/22 Harmful by inhalation and if swallowed.
R36 Irritating to eyes.
R38 Irritating to skin.
R45 May cause cancer.
R46 May cause heritable genetic damage.
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H336 May cause drowsiness or dizziness.
H340 May cause genetic defects.
H350 May cause cancer.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

Revision information

This document has undergone significant changes and should be reviewed in its entirety.

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.