

Material safety data sheet

According to Regulation (EU) No 830/2015

SECTION 1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : PAK DETECTOR SPRAY
Product code : ABM001

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

Application : Professional use. (SU22). Paint (PC9a).

1.3. Details of the supplier of the safety data sheet

Supplier : ABM BV
Middelblok 134
2831 BP Gouderak, The Netherlands
Telephone : +31 182 303160
E-mail : info@abmbv.nl
Website : www.abmbv.nl

1.4. Emergency telephone number

EMERGENCY TELEPHONE NUMBER, for DOCTORS/FIRE BRIGADE/POLICE only:

NL - Telephone : +31 182 303160 (During office hours only)

EMERGENCY TELEPHONE NUMBER (in the UK and Ireland for healthcare professionals only):

National Poisons Information Service +44-844 892 0111 (24/7)

SECTION 2 HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP classification (1272/2008/EC) : Aerosols, category 1. Specific target organ toxicity after single exposure, category 3. Reproductive toxicity, category 2.

Human health hazards : May cause drowsiness or dizziness. Suspected of damaging the unborn child. Exposure to high vapour concentrations may result in a narcotic effect. Use only as directed. Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. Contains petroleum distillates, may be harmful when ingested.

Physical/chemical hazards : Extremely flammable. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment. Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C.

Environmental hazards : Not classified as dangerous according to statutory EC-Directives.

Other information : Keep out of the reach of children. Wear suitable protective clothing and gloves. Caution: Do not breathe spray. Use only in well-ventilated areas. Spray in short intervals for a short period only. Ventilate well after use. Harmful to house pets.

2.2. Label elements

Label elements (1272/2008/EC):

Hazard pictograms :



Signal word : Danger

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H- and P-phrases	:	H222	Extremely flammable aerosol.
		H336	May cause drowsiness or dizziness.
		H229	Pressurised container: May burst if heated.
		H361d	Suspected of damaging the unborn child.
		P251	Do not pierce or burn, even after use.
		P410 + P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.
		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.
		P261 spray	Avoid breathing spray.
		P403	Store in a well-ventilated place.

Additional labelling

: Contains: 2-Butanone; Toluene.

2.3. Other hazards

Other information : The classification of this product is based on the non-aerosolised form of the mixture (on basis of section 1.1.3.7. of Regulation (EC) No 1272/2008). Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Product description : Mixture.

Information on hazardous substances:

Substance name	Concentration (w/w) (%)	CAS nr.	EC number	REACH nr.	OEL
Dimethyl ether Flam. Gas 1; Press. Gas H220	10 - < 30	115-10-6	204-065-8	01-2119472128-37	#
Toluene Flam. Liq. 2; Repr. 2; Asp. Tox. 1; STOT RE 2; Skin Irrit. 2; STOT SE 3 H225; H361d; H304; H373; H315; H336	5 - < 10	108-88-3	203-625-9	01-2119471310-51	#
2-Methoxy-1-methylethyl acetate Flam. Liq. 3 H226	5 - < 10	108-65-6	203-603-9	01-2119475791-29	#
2-Butanone Flam. Liq. 2; Eye Irrit. 2; STOT SE 3 H225; H319; H336; EUH066	5 - < 10	78-93-3	201-159-0	01-2119457290-43	#
Titanium dioxide ----- -----	1 - < 5	13463-67-7	236-675-5	01-2119489379-17	#

Reference is made to chapter 16 for full text of each relevant H phrase. Substance(s) with an Occupational Exposure Limit are marked with #. Occupational exposure limit(s) are listed in section 8.

SECTION 4 FIRST AID MEASURES

4.1. Description of first aid measures

First aid measures

Inhalation : Move victim into fresh air. Consult a doctor if victim feels unwell.

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Skin contact	: Take off contaminated clothing. Wash off skin with plenty of water and soap before product dries up.
Eye contact	: Wash out with (lukewarm) water for at least 15 minutes. Remove contact lenses. Consult a doctor if irritation persists.
Ingestion	: Aerosol/mist: Ingestion is unlikely to occur. Do not induce vomiting. Give nothing to drink. Do rinse the mouth. Consult a doctor if victim feels unwell.

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

Effects and symptoms

Inhalation	: May cause headache, drowsiness, dizziness and a feeling of sickness. May cause irritation to respiratory airways and coughing.
Skin contact	: May cause dry skin.
Eye contact	: May cause stinging of eyes and redness.
Ingestion	: May cause a feeling of sickness, vomiting and diarrhoea. May cause lung damage, sore throat and lack of breath.

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

Note to physicians	: None known.
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SECTION 5 FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Suitable	: Carbondioxide (CO ₂). Foam. Dry chemical. Water fog.
Not suitable	: Water jet.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards	: Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C. Do not expose emergency personnel to overheated aerosol containers. Water may be used to cool container and prevent explosion of the aerosol.
Hazardous thermal decomposition products	: Carbon monoxide may be evolved if incomplete combustion occurs.

5.3. Advice for firefighters

Special protective equipment for fire-fighters	: Fight a fire where aerosols are involved from a protected position. Use adequate respiratory equipment in case of insufficient ventilation.
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SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	: Danger of slipping. Clean up spills immediately. Wear shoes with non-slip soles. Avoid contact with spilled or released material. Do not breathe vapours and/or spray. Keep away from sources of ignition — No smoking. Build up of highly flammable gasses involves an explosion risk. Vapours are heavier than air. Build up (of gasses) in low areas involves risk of suffocation.
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6.2. Environmental precautions

Environmental precautions	: Avoid release of product into sewers, surface water and/or ground water.
Other information	: Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Collect spilled material in containers. Collect cans in an approved container. Do not pierce aerosols. Clean contaminated surface preferably with a special cleaner. Avoid use of solvents.
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6.4. Reference to other sections

Reference to other sections : For guidance on selection of personal protective equipment see section 8. For guidance on disposal of spilled material see section 13.

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for safe handling

Handling : Handle in accordance with good occupational hygiene and safety practices in well-ventilated areas.
Important: Pressurized container; protect from sunlight and do not expose to temperatures exceeding 50°C.
Do not pierce or burn, even after use. Keep away from sources of ignition — No smoking. Do not spray on a naked flame or any incandescent material. Do not spray near fire, sources of heat or live electrical equipment.
Electrostatic discharge may cause fire. Ensure electrical continuity by bonding and grounding (earthing) all equipment. Do not breathe spray. Do not breathe vapour. Avoid contact with skin and eyes. Avoid splashing.
Wear protective clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep frost-free, in a cool (< 35°), dry and well-ventilated place. Protect from sunlight and keep away from heat. Keep away from food, drink and animal feedingstuffs.

Recommended packaging : Not applicable.

Directive 2012/18/EU : P3a - Flammable aerosols

Qualifying quantity (tonnes) - lower-tier : 150 (net)

Qualifying quantity (tonnes) - upper-tier : 500 (net)

7.3. Specific end use(s)

Use : Use only as directed.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits : Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Occupational exposure limits (mg/m³):

Chemical name	Country	TWA 8 hour (mg/m³)	STEL 15 min (mg/m³)	Comments
Dimethyl ether	GB	766	958	-
Dimethyl ether	EC	1920	-	-
Toluene	GB	191	384	Skin
Toluene	EC	192	384	Skin
2-Methoxy-1-methylethyl acetate	GB	274	548	Skin
2-Methoxy-1-methylethyl acetate	EC	275	550	Skin
2-Butanone	GB	600	899	Skin; BMGV
2-Butanone	EC	600	900	-
Titanium dioxide	GB	10; 4	-	Inhalable; respirable fractions

Derived no-effect level (DNEL) for workers:

Chemical name	Route of exposure	DNEL, short-term	DNEL, long-term
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		Local effect	Systemic effect	Local effect	Systemic effect
Dimethyl ether	Inhalation				1894 mg/m3
Toluene	Dermal				384 mg/kg bw/day
	Inhalation	384 mg/m3	384 mg/m3	192 mg/m3	192 mg/m3
2-Methoxy-1-methylethyl acetate	Dermal				153,5 mg/kg bw/day
	Inhalation				275 mg/m3
2-Butanone	Dermal				1161 mg/kg bw/day
	Inhalation				600 mg/m3
Titanium dioxide	Inhalation			10 mg/m3	

Derived no-effect level (DNEL) for consumers:

Chemical name	Route of exposure	DNEL, short-term		DNEL, long-term	
		Local effect	Systemic effect	Local effect	Systemic effect
Dimethyl ether	Inhalation				471 mg/m3
Toluene	Dermal				226 mg/kg bw/day
	Inhalation	226 mg/m3	226 mg/m3	56,5 mg/m3	56,5 mg/m3
	Oral				8,13 mg/kg bw/day
2-Methoxy-1-methylethyl acetate	Dermal				54,8 mg/kg bw/day
	Inhalation				33 mg/m3
	Oral				1,67 mg/kg bw/day
2-Butanone	Dermal				412 mg/kg bw/day
	Inhalation				106 mg/m3
	Oral				31 mg/kg bw/day
Titanium dioxide	Oral				700 mg/kg bw/day

Predicted no-effect concentration (PNEC):

Chemical name	Route of exposure	Fresh water	Marine water	
Dimethyl ether	Water	0,155 mg/l	0,016 mg/l	
	Sediment	0,681 mg/kg	0,069 mg/kg	
	Intermittent water			1,549 mg/l
	STP			160 mg/l
	Soil			0,045 mg/kg
Toluene	Water	0,68 mg/l	0,68 mg/l	
	Sediment	16,39 mg/kg	16,39 mg/kg	
	Intermittent water			0,68 mg/l
	STP			13,61 mg/l
	Soil			2,89 mg/kg
2-Methoxy-1-methylethyl acetate	Water	0,635 mg/l	0,0635 mg/l	
	Sediment	3,29 mg/kg	0,329 mg/kg	
	Intermittent water			6,35 mg/l
	STP			100 mg/l
	Soil			0,29 mg/kg
2-Butanone	Water	55,8 mg/l	55,8 mg/l	
	Sediment	284,74 mg/kg	284,7 mg/kg	
	Intermittent water			55,8 mg/l
	STP			709 mg/l
	Soil			22,5 mg/kg
	Oral			1000 mg/kg food
Titanium dioxide	Water	0,127 mg/l	1 mg/l	
	Sediment	1000 mg/kg	100 mg/kg	
	Intermittent water			0,61 mg/l
	STP			100 mg/l
	Soil			100 mg/kg
	Oral			1667 mg/kg food

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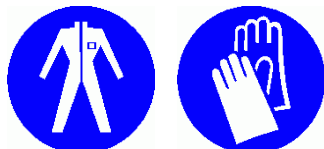
8.2. Exposure controls

Engineering measures : Use only in well-ventilated areas. Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work. Avoid contact during pregnancy and while nursing.

Hygienic measures : When using do not eat, drink or smoke.

Personal protective equipment:

The efficiency of personal protective equipment depends among other things on temperature and degree of ventilation. Always get professional advice for the particular local situation.



Body protection : Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN 365/367 resp. 345. Suitable material: not known.

Respiratory protection : Take care of sufficient ventilation. Wear suitable respiratory protection in case of large scale exposure. Suitable: gas filter type A (brown), class I or higher on e.g. a facemask in accordance with EN 140.

Hand protection : Wear appropriate safety gloves in accordance with EN 374. Suitable material: laminate film. $\pm 0,5$ mm. Indication of permeation breakthrough time: not permeable.

Eye protection : Wear appropriate safety glasses when there is danger of possible eye contact.

Thermal hazards : Aerosol may explode from internal pressure build-up when exposed to temperatures exceeding 50 °C.

Environmental exposure controls : Local guidelines on emission limits for volatile substances must be observed for the discharge of exhaust air containing vapour.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	: Aerosol.	
Colour	: White.	
Odour	: Characteristic.	
Odour threshold	: Not known.	
pH	: Not applicable.	Waterfree product.
Solubility in water	: Not soluble.	
Partition coefficient (n-octanol/water)	: Not known.	
Flash point	: Not applicable.	Not measurable.
Flammability (solid, gas)	: Extremely flammable.	
Auto ignition temperature	: Not applicable.	Aerosol container explodes before reaching the auto-ignition point.
Boiling point/boiling range	: Not known.	Not measurable.
Melting point/melting range	: < 0 °C	
Explosive properties	:	Pressurised container: May burst if heated.
Explosion limits (in air)	: Not known.	Lower explosion limit in air (%): 1,1 (Toluene)
	:	Upper explosion limit in air (%): 32 Dimethyl ether
	:	Does not contain oxidizing substances.
Oxidising properties	: Not applicable.	
Decomposition temperature	: Not applicable.	
Viscosity (20°C)	: Not known.	
Viscosity (40°C)	: Not relevant.	The product contains < 10% substances having an aspiration hazard.
Vapour pressure (20°C)	: 400000 Pa	
Vapour density (20°C)	: > 1	(air = 1)
Relative density (20°C)	: 1 g/ml	
Evaporation rate	: Not known.	(n-butyl acetate = 1)

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SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity : See sub-sections below.

10.2. Chemical stability

Stability : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactivity : No other hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid : Keep away from sources of ignition and sources of heat. See section 7.

10.5. Incompatible materials

Materials to avoid : Not applicable.

10.6. Hazardous decomposition products

Hazardous decomposition products : Not known.

SECTION 11 TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

No toxicological research has been carried out on this product.

Inhalation

- Acute toxicity : Calculated LC50: > 10 mg/l. Ingredients of unknown toxicity: 26 %. ATE: > 5 mg/l. Low toxicity. Not classified - based on available data, the classification criteria are not met. May cause damage to organs. Target organ(s): Central nervous system. Effect(s): Breathing of high vapour concentrations may cause central nervous system (CNS) depression resulting in dizziness, lightheadedness, headache, nausea and loss of coordination. Continued inhalation may result in unconsciousness and death.
- Corrosion/irritation : May cause irritation to respiratory airways and coughing. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain respiratory sensitisers. Not classified - based on available data, the classification criteria are not met.
- Carcinogenicity : Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Skin contact

- Acute toxicity : Calculated LD50: > 5000 mg/kg.bw. Ingredients of unknown toxicity: 26 %. ATE: > 2000 mg/kg.bw. Low toxicity. Not classified - based on available data, the classification criteria are not met.
- Corrosion/irritation : Prolonged contact may dry out and defat the skin. Not classified - based on available data, the classification criteria are not met.
- Sensitisation : Does not contain skin sensitisers. Not classified - based on available data, the classification criteria are not met.
- Mutagenicity : Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Eye contact

- Corrosion/irritation : Slight irritation possible. Not classified - based on available data, the classification criteria are not met.

Ingestion

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Acute toxicity	: Aerosol/mist: Ingestion is unlikely to occur. After ingestion, at vomiting, risk of aspiration in the lungs. Calculated LD50: > 3786 mg/kg.bw. Ingredients of unknown toxicity: 32 %. ATE: > 2000 mg/kg.bw.
Corrosion/irritation	: Aerosol/mist: Ingestion is unlikely to occur. May cause a feeling of sickness, vomiting and diarrhoea. Not classified - based on available data, the classification criteria are not met.
Carcinogenicity	: Aerosol/mist: Ingestion is unlikely to occur. Not expected to be carcinogenic. Not classified - based on available data, the classification criteria are not met.
Mutagenicity	: Aerosol/mist: Ingestion is unlikely to occur. Not expected to be mutagenic. Not classified - based on available data, the classification criteria are not met.

Toxicological information:

Chemical name	Property		Method	Test animal
Toluene	Genotoxicity - in vivo	> 215 mg/kg bw/d		Rat
	LD50 (oral)	5580 mg/kg bw	-----	Rat
	LD50 (dermal)	12124 mg/kg bw	-----	Rabbit
	LC50 (inhalation)	28100 mg/m3	-----	Rat
	NOAEL (oral)	312 mg/kg bw/d	-----	Rat
	Skin irritation	Moderately irritant	OECD 404	Rabbit
	Eye irritation	Irritant	OECD 405	Rabbit
	Genotoxicity - in vitro	Not genotoxic	OECD 476	Mouse
	Skin sensitisation	Not sensitizing	OECD 406	Guinea pig
	NOAEL (developmental toxicity, inh.)	2812 mg/m3	-----	Rat
	NOAEL (fertility, inh.)	2261 mg/m3	-----	Rat
	NOEL (carcinogenicity, inh.)	4522 mg/m3	OECD 453	Rat
	NOAEL (inhalation)	1131 mg/m3	OECD 453	Rat
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
2-Butanone	LD50 (oral)	2737 mg/kg bw	-----	Rat
	LD50 (dermal)	6400 mg/kg bw		Rabbit
	LC50 (inhalation)	> 5000 mg/m3		Rat
	NOAEL (oral)	2500 mg/kg bw/d		Rat
	Skin sensitisation	Not sensitizing		Guinea pig
	Skin irritation	Moderately irritant		Rabbit
	Eye irritation	Highly irritant		Rabbit
	Genotoxicity - in vitro	Not genotoxic	OECD 473	-----
	Mutagenicity	Negative	OECD 471	Salmonella typhimurium
	Genotoxicity - in vivo	Not genotoxic	OECD 474	Mouse
	NOAEL (developmental toxicity, inh.)	2955 mg/m3	OECD 414	Rat
	NOAEL (fertility) - estimate	1644 mg/kg.d		Rat
	NOAEL (inhalation)	14790 mg/m3	OECD 413	Rat
	Inhalation sensitisation - estimate	Not sensitizing	-----	Guinea pig

SECTION 12 ECOLOGICAL INFORMATION

12.1. Toxicity

No ecotoxicological research has been carried out on this product.

Ecotoxicity : Calculated LC50 (fish): 55 mg/l. Calculated EC50 (waterflea): 40 mg/l. Contains 26 % of components with unknown hazards to the aquatic environment.

12.2. Persistence and degradability

Persistence – degradability : No specific information known.

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12.3. Bioaccumulative potential

Bioaccumulative potential : No specific information known.

12.4. Mobility in soil

Mobility : Not applicable.

12.5. Results of PBT and vPvB assessment

PBT/vPvB assessment : Does not contain PBT or vPvB substances in concentrations higher than 0,1%.

12.6. Other adverse effects

Other information : Not applicable.

VOC-content (EC) : 382 g/l

SECTION 13 DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product residues : Recyclable metal container. Do not puncture or burn even after use. Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues and non-empty pack as hazardous waste.

Additional warning : Residues may cause an explosion hazard. Do not puncture, cut or weld uncleaned drums.

European waste catalogue : Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation : Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

SECTION 14 TRANSPORT INFORMATION

14.1. UN number

UN nr. : UN 1263

14.2. UN proper shipping name

Transport name : PAINT or PAINT RELATED MATERIAL

14.3/14.4/14.5. Transport hazard class(es)/Packing group/Environmental hazards

ADR/RID/ADN (road/railway/inland waterways)

Class : 2
Classification code : 5F
Packaging group : -
Danger label : 2,1



Other information : Not intended for carriage by inland waterways in tank-vessels.

IMDG (sea)

Class : 2
Packaging group : -

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EmS (fire / spill) : F - E / S - E
Marine pollutant : No

IATA (air)
Class : 2

14.6. Special precautions for user

Other information : Country specific variations may apply. It is possible that a "Limited Quantity" exemption applies to the transport of this product.

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

Marpol : Not intended to be carried in bulk according to International Maritime Organisation (IMO) instruments.
Packaged liquids are not considered bulk.

SECTION 15 REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Community regulations : Regulation (EC) No 830/2015 (REACH), Regulation (EC) No 1272/2008 (CLP), 75/324/EEC (aerosols) and other regulations.
: In the UK it is recommended that all aerosols should be labelled on the back with the warning about the dangers of volatile solvent abuse. The label should contain the badge 'Solvent Abuse Can Kill Instantly' accompanied by the phrase 'Use only as directed'.
Restrictions : Contains: Toluene shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0,1 % by weight where the substance or mixture is used in adhesives or spray paints intended for supply to the general public. Regulation (EC) no 1907/2006 (REACH), annex XVII, 1/48

15.2. Chemical safety assessment

Chemical safety assessment : Not applicable.

SECTION 16 OTHER INFORMATION

16.1. Other information

The information in this safety data sheet is compiled in compliance with Regulation (EC) No 830/2015 and accurate to the best of our knowledge and experience at the date of issue specified. It is the user's obligation to use this product safely and to comply with all applicable laws and regulations concerning the use of the product. This safety data sheet complements the technical information sheets but does not replace them and offers no warranty with regard to product properties.

Users are also forewarned for any hazards involved when the product is used for other purposes than those for which it is designed.

Changed or new information with regard to the previous release is indicated with an asterisk (*).

Full text of H-phrases mentioned in section 3:

H220	Extremely flammable gas.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH066	Repeated exposure may cause skin dryness or cracking.

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Full text of hazard classes mentioned in section 3:

Flam. Gas 1	: Flammable gas, category 1.
Flam. Liq. 2	: Flammable liquid, category 2.
Flam. Liq. 3	: Flammable liquid, hazard category 3.
Skin Irrit. 2	: Skin irritation, category 2.
Eye Irrit. 2	: Eye irritation, category 2.
STOT SE 3	: Specific target organ toxicity after single exposure, category 3.
STOT RE 2	: Specific target organ toxicity — repeated exposure, category 2.
Asp. Tox. 1	: Aspiration hazard, category 1.

List of abbreviations and acronyms that could be (but not necessarily are) used in this safety data sheet:

ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
DNEL	Derived no-effect level
ECETOC TRA	European centre for ecotoxicology and toxicology of chemicals. Targeted risk assessment
EU	European Union
EUSES	European Union System for the Evaluation of Substances
IBC code	Intermediate Bulk Container
LD50 LC50	Lethal Dose/Concentration for 50% of a population
NOAEL	No Observed (Adverse) Effect Level
NOEC	No observed effect concentration
OEL	Occupational exposure limit
PBT	Persistent, Bioaccumulative and Toxic
PC	Chemical product category
PNEC	Predicted no-effect concentration
STP	Sewage Treatment Plant
SU	Sector of Use
SVHC	Substance of very high concern
TWA/STEL	Time-Weighted Average/Short Term Exposure Limit
vPvB	Very Persistent and Very Bioaccumulative

Number format : ", " used as decimal separator.