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

1.1. Product identifier

Product form	:	Mixture
Trade name	:	Aluspray
Product code	:	308/ZASP
Type of product	:	Spraying paint (spray can)
Vaporizer	:	Aerosol
Product group	:	Trade product

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

1.2.1. Relevant identified uses

Main use category	:	Industrial use,Professional use
Function or use category	:	Aerosol propellants

1.2.2. Uses advised against

Restrictions on use	:	Any other intended applications should be discussed with the manufacturer

1.3. Details of the supplier of the safety data sheet

Zingametall Bvba
Rozenstraat 4, Industriepark
B- 9810 Eke

Tel.: +32 (0)9 385 68 81
Fax.: +32 (0) 9 385 58 69
E-mail: zingametall@zinga.be
Mr. Bruno Saverys

1.4. Emergency telephone number

Emergency number	:	+32 (0) 70 245 245 Anti-poison Center

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 1	H222;H229
Acute toxicity (oral), Category 4	H302
Serious eye damage/eye irritation, Category 2	H319
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336
Aspiration hazard, Category 1	H304
Hazardous to the aquatic environment — Chronic Hazard, Category 3	H412

Full text of H-statements see section 16.

Adverse physicochemical, human health and environmental effects

Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness. Harmful to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :

GHS02 GHS07 GHS08

Signal word (CLP) : Danger

Hazardous ingredients : acetone, propan-2-one, propanone; Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified

Hazard statements (CLP) : H222 - Extremely flammable aerosol.
H229 - Pressurised container: May burst if heated.
H302 - Harmful if swallowed.
H304 - May be fatal if swallowed and enters airways.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (CLP) : 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.
P301+P330+P331+P310 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.. Immediately call a POISON CENTER.
P261 - Avoid breathing vapours, spray, mist, gas.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C.

2.3. Other hazards

Other hazards not contributing to the classification : None known. None under normal conditions.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
propane	(CAS-No.) 74-98-6 (EC-No.) 200-827-9 (EC Index-No.) 601-003-00-5	40	Flam. Gas 1, H220 Press. Gas
acetone, propan-2-one, propanone	(CAS-No.) 67-64-1 (EC-No.) 200-662-2 (EC Index-No.) 606-001-00-8	25 - 30	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336
METHYLAL	(CAS-No.) 109-87-5 (EC-No.) 203-714-2	12 - 19	Flam. Liq. 1, H224
Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified	(CAS-No.) 64742-95-6 / 128601-23-0 (EC-No.) 918-668-5	10 - 15	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. Remove victim to fresh air. If you feel unwell, seek medical advice.

First-aid measures after inhalation : Remove victim to fresh air. Seek immediate medical advice. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

First-aid measures after skin contact : Rinse and then wash skin with water and soap. If irritation persists, consult a doctor.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist.

First-aid measures after ingestion : Immediately after ingestion: give lots of water to drink. IF SWALLOWED: immediately call a POISON CENTER or doctor/physician. Rinse mouth.

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

Symptoms/effects after inhalation : Coughing. Dry/sore throat. Dizziness, headaches, nausea. Respiratory difficulties.

Symptoms/effects after skin contact : Contact during a long period may cause light irritation.

Symptoms/effects after eye contact : Irritation of the eye tissue.

Symptoms/effects after ingestion : Symptoms of ingestion include drowsiness, weakness, headache, dizziness, nausea, vomiting.

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

Treat according to symptoms (decontamination, vital functions), no known specific antidote. See the emergency and first aid section of this material safety data sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : powder, water spray, foam, carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable. May be ignited by sparks. The vapours are denser than air and may travel along the ground. Distance ignition possible. Contains gas under pressure; may explode if heated. Explosion risk in case of fire.

Explosion hazard : Contents under pressure. Do not expose to heat.

Reactivity in case of fire : Risk of spontaneous ignition. Explosive vapour/air mixtures may be formed.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO2). Hydrocarbon. Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Avoid all eye and skin contact and do not breathe vapour and mist. Exclude sources of heat, sparks and open flame.

Firefighting instructions : Cool tanks/drums with water spray/remove them into safety. Take account of environmentally hazardous firefighting water.

Protection during firefighting : Fire-resistant protective clothing. Appropriate self-contained breathing apparatus may be required. Approach from upwind.

Other information : Avoid release to the environment. Refer to special instructions/safety data sheets.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all eye and skin contact and do not breathe vapour and mist. Ensure adequate air ventilation. Wear personal protective equipment.

6.1.1. For non-emergency personnel

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

6.1.2. For emergency responders

Protective equipment : For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Not in groundwater, surfacewater or sewerage. Notify authorities if liquid enters sewers or public waters. Harmful to aquatic life with long lasting effects.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak without risks if possible. Clean up any spills as soon as possible, using an absorbent material to collect it. Cover spill with inert material, e.g.: sand, earth, vermiculite.

Methods for cleaning up : Cover spill with inert material, e.g.: sand, earth, vermiculite. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal.

Other information : Fire/explosion hazard. Avoid all eye and skin contact and do not breathe vapour and mist. Avoid static electricity discharges. Exclude sources of heat, sparks and open flame.

6.4. Reference to other sections

Reference to other sections (8, 13). Information regarding safe handling, see section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Do not breathe gas, fumes, vapour or spray. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on a naked flame or any incandescent material. Electrostatic charges may be generated during handling.

Precautions for safe handling	:	Use only in well ventilated areas. Take precautions against electrostatic charges. Do not pierce or burn, even after use. Heating will cause a rise in pressure with a risk of bursting. Do not spray on an open flame or other ignition source. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. 50°C Avoid temperature above. Use explosion-proof equipment. Handle in accordance with good industrial hygiene and safety procedures.
Hygiene measures	:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Remove contaminated clothes. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Use grounded electrical/mechanical equipment. Use explosion-proof equipment. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Storage conditions	:	Protect against frost. Protect from heat and direct sunlight. Keep container tightly closed and in a well-ventilated place. Keep container closed when not in use. Store in original container.
Incompatible products	:	Keep away from: strong acids, strong bases and oxidising compounds, water, reductor agents.
Heat and ignition sources	:	Protect from heat and direct sunlight. ignition sources. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.
Information on mixed storage	:	Segregate from foodstuffs. Store away from strong oxidizers, strong bases, strong acids. highly flammable materials.
Storage area	:	Store away from heat. Keep in a cool, well-ventilated place.
Special rules on packaging	:	meet the legal requirements.
Packaging materials	:	Keep only in original packaging.

7.3. Specific end use(s)

Paint. For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6 / 128601-23-0)		
EU	IOELV TWA (mg/m³)	100 mg/m³ EU HSPA (GW)_ aromatic solvents 160-185

8.2. Exposure controls

Appropriate engineering controls:

If possible with source exhaust and good ventilation.

Personal protective equipment:

Accidental release of the contents: Face shield. Dust/aerosol mask with filter type P2. protective clothing. Gloves.

Hand protection:

Chemical resistant PVC gloves (to European standard EN 374 or equivalent). Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing

Eye protection:

Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles

Skin and body protection:

Skin protection appropriate to the conditions of use should be provided

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Ensure adequate ventilation. Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

Other information:

Avoid all eyes and skin contact and do not breathe vapour and mist.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Appearance	:	Liquid under pressure. Aerosol.
Colour	:	Silver.
Odour	:	aromatic odour.
Odour threshold	:	Not determined due to potential health hazard by inhalation
pH	:	Not determined
Relative evaporation rate (butylacetate=1)	:	Not determined
Melting point	:	Not determined
Freezing point	:	Not determined
Boiling point	:	41 °C Mixture
Flash point	:	-41 °C Propellant gas
Auto-ignition temperature	:	Not determined
Decomposition temperature	:	Not determined
Flammability (solid, gas)	:	Extremely flammable aerosol
Vapour pressure	:	Not determined
Vapour pressure at 50 °C	:	Not determined
Relative vapour density at 20 °C	:	Not determined
Relative density	:	0,671 g/ml (20°C)
Relative gas density	:	Not determined
Solubility	:	Not determined.
Log Pow	:	Not determined
Viscosity, kinematic	:	Not determined
Viscosity, dynamic	:	Not determined
Explosive properties	:	During use, flammable vapour/air mixtures may be formed.
Oxidising properties	:	Not determined.
Explosive limits	:	Not determined

9.2. Other information

VOC content	:	618,92 g/dm3
Bulk density	:	Not applicable
Other properties	:	The substance/product is marketed or used in a non solid or granular form. The product has not been tested. If necessary, information on other physical and chemical parameters is indicated in this section.
Additional information	:	No further information available.. (Read the technical data sheet)

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions. Avoid high temperatures. Avoid ignition sources. Heating will cause a rise in pressure with a risk of bursting.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions. Flammable vapour/air mixtures may be formed.

10.4. Conditions to avoid

No flames, no sparks. Eliminate all sources of ignition. Keep away from heat and direct sunlight. Do not spray on an open flame or other ignition source.

10.5. Incompatible materials

Strong oxidizers. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO2). Hydrocarbons.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Oral: Harmful if swallowed.
Acute toxicity (dermal) : Not classified (Based on available data, the classification criteria are not met)
Acute toxicity (inhalation) : Not classified (Based on available data, the classification criteria are not met)

ATE CLP (oral)	2000 mg/kg bodyweight

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6 / 128601-23-0)	
LD50 oral rat	2000 - 5000 mg/kg
LD50 dermal rat	<= 2000 mg/kg

Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)
pH: Not determined
Additional information : CLP Calculation method
Serious eye damage/irritation : Causes serious eye irritation.
pH: Not determined
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)

STOT-single exposure : May cause drowsiness or dizziness.
Additional information : Calculation method
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : May be fatal if swallowed and enters airways.
Additional information : CLP Calculation method

Aluspray	
Vaporizer	Aerosol

Potential adverse human health effects and symptoms : Harmful if swallowed. May be fatal if swallowed and enters airways. Causes serious eye irritation. May cause drowsiness or dizziness.
Other information : Likely routes of exposure: inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.
Acute aquatic toxicity : Not classified (Based on available data, the classification criteria are not met)
Chronic aquatic toxicity : CLP Calculation method

Aluspray	
Additional information	The product has not been tested. The statement has been derived from the properties of the individual components.

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6 / 128601-23-0)	
LC50 fish 1	1 - 10 mg/l
LC50 other aquatic organisms 1	> 100 mg/l microorganisms
ErC50 (algae)	1 - 10 mg/l
NOEC chronic fish	<= 10 mg/l
NOEC chronic crustacea	<= 10 mg/l

12.2. Persistence and degradability

Aluspray	
Persistence and degradability	Biodegradability in soil: no data available.

12.3. Bioaccumulative potential

Aluspray	
Log Pow	Not determined
Bioaccumulative potential	No bioaccumulation data available.

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6 / 128601-23-0)	
Bioaccumulative potential	No bioaccumulation.

12.4. Mobility in soil

Aluspray	
Ecology - soil	No specific data.

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6 / 128601-23-0)	
Ecology - soil	Low mobility (soil).

12.5. Results of PBT and vPvB assessment

Component	
acetone, propan-2-one, propanone (67-64-1)	PBT: not relevant – no registration required

12.6. Other adverse effects

Other adverse effects : The product has not been tested. The statement has been derived from the properties of the individual components.

Additional information : Avoid release to the environment. Refer to special instructions/safety data sheets.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

Waste treatment methods : Collect all waste in suitable and labelled containers and dispose according to local legislation.

Sewage disposal recommendations : Disposal must be done according to official regulations. Do not discharge into drains or the environment.

Product/Packaging disposal recommendations : Do not discharge into the sewer. Remove waste in accordance with local and/or national regulations.

Additional information : Do not pierce or burn, even after use. Do not re-use empty containers. Empty containers should be taken for recycling, recovery or waste in accordance with local regulation. Handle uncleaned empty containers as full ones.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
1950	1950	1950	1950	1950
14.2. UN proper shipping name				
AEROSOLS	AEROSOLS	Aerosols, flammable	AEROSOLS	AEROSOLS
Transport document description				
UN 1950 AEROSOLS, 2.1, (D)	UN 1950 AEROSOLS, 2.1	UN 1950 Aerosols, flammable, 2.1	UN 1950 AEROSOLS, 2.1	UN 1950 AEROSOLS, 2.1
14.3. Transport hazard class(es)				
2.1	2.1	2.1	2.1	2.1
				
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards				
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No	Dangerous for the environment : No	Dangerous for the environment : No	Dangerous for the environment : No
No supplementary information available				

14.6. Special precautions for user

- Overland transport

Transport regulations (ADR) : Subject

Classification code (ADR) : 5F

Special provisions (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1l

Excepted quantities (ADR)	: E0
Packing instructions (ADR)	: P207
Special packing provisions (ADR)	: PP87, RR6, L2
Mixed packing provisions (ADR)	: MP9
Transport category (ADR)	: 2
Special provisions for carriage - Packages (ADR)	: V14
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV9, CV12
Special provisions for carriage - Operation (ADR)	: S2
Tunnel restriction code (ADR)	: D

- Transport by sea

Transport regulations (IMDG)	: Subject
Special provisions (IMDG)	: 63, 190, 277, 327, 344, 381, 959
Packing instructions (IMDG)	: P207, LP200
Special packing provisions (IMDG)	: PP87, L2
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage category (IMDG)	: None
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69
MFAG-No	: 126

- Air transport

PCA Excepted quantities (IATA)	: E0
PCA Limited quantities (IATA)	: Y203
PCA limited quantity max net quantity (IATA)	: 30kgG
PCA packing instructions (IATA)	: 203
PCA max net quantity (IATA)	: 75kg
CAO packing instructions (IATA)	: 203
CAO max net quantity (IATA)	: 150kg
Special provisions (IATA)	: A145, A167, A802
ERG code (IATA)	: 10L

- Inland waterway transport

Classification code (ADN)	: 5F
Special provisions (ADN)	: 190, 327, 344, 625
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E0
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01, VE04
Number of blue cones/lights (ADN)	: 1

- Rail transport

Transport regulations (RID)	: Subject
Classification code (RID)	: 5F
Special provisions (RID)	: 190, 327, 344, 625
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E0
Packing instructions (RID)	: P207, LP200
Special packing provisions (RID)	: PP87, RR6, L2
Mixed packing provisions (RID)	: MP9
Transport category (RID)	: 2
Special provisions for carriage – Packages (RID)	: W14
Special provisions for carriage - Loading, unloading and handling (RID)	: CW9, CW12
Colis express (express parcels) (RID)	: CE2

Hazard identification number (RID) : 23

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006:

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	Aluspray - acetone, propan-2-one, propanone - METHYLAL - Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified
3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F	Aluspray - acetone, propan-2-one, propanone - METHYLAL - Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified
3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10	Aluspray - acetone, propan-2-one, propanone - Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified
3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1	Aluspray - Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified
40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.	Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified - propane

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 618,92 g/dm3

Other information, restriction and prohibition regulations : Aerosol Directive (75/324/EEC).

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

The chemical safety assessment has not been finalized

SECTION 16: Other information

Indication of changes:
Report mixture CLP classification/labelling. According to Regulation (EU) 2015/830 (REACH Annex II).

Abbreviations and acronyms:

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative
TLM	Median Tolerance Limit
SDS	Safety Data Sheet
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
PBT	Persistent Bioaccumulative Toxic
OECD	Organisation for Economic Co-operation and Development
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor

CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
DPD	Dangerous Preparations Directive 1999/45/EC
DSD	Dangerous Substances Directive 67/548/EEC
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

Data sources : Manufacturer/Supplier. SDS: according to EC directive 2001/58/EC and the REACH regulation 1907/2006 Annex II. Aerosol guideline 75/324/EG and 2008/47/EG. Authoring: Quick.MSDS Sprl - Belgium info@quickmsds.de +32 (0) 479 469 465.

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

Other information : No additional information available.

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 1	Aerosol, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Press. Gas	Gases under pressure
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Aerosol 1	H222;H229	On basis of test data
Acute Tox. 4 (Oral)	H302	Calculation method
Eye Irrit. 2	H319	Calculation method
STOT SE 3	H336	Calculation method
Asp. Tox. 1	H304	
Aquatic Chronic 3	H412	Calculation method

MSDS EU (REACH Annex II)_JBO

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product