



# AluZM

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

Date of issue:10/30/2015 Revision date:10/30/2015

Supersedes:4/27/2015

Version: 04.00

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

#### 1.1. Product identifier

Product form : Mixture  
Trade name : AluZM  
Product code : ZM-RE-PRO-03-A  
Product group : Trade product

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

##### 1.2.1. Relevant identified uses

Intended for general public  
Main use category : Industrial use,Professional use  
Industrial/Professional use spec : Paint.

##### 1.2.2. Uses advised against

No additional information available

#### 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. Guy Willemot

#### 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]

Flammable liquids, Category 3 H226  
Acute toxicity (oral), Category 4 H302  
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335  
Specific target organ toxicity — Single exposure, Category 3, Narcosis H336  
Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H-statements see section 16.

##### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Xi; R37  
N; R51/53  
R10  
R66  
R67

Full text of R-phrases: see section 16

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### 2.2. Label elements

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

Hazard pictograms (CLP) :



Signal word (CLP) :

Warning

Hazardous ingredients :

Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified

Hazard statements (CLP) :

H226 - Flammable liquid and vapour  
H302 - Harmful if swallowed  
H335 - May cause respiratory irritation  
H336 - May cause drowsiness or dizziness  
H411 - Toxic 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  
P233 - Keep container tightly closed  
P241 - Use explosion-proof electrical, lighting, ventilating equipment  
P261 - Avoid breathing dust, vapours  
P264 - Wash hands, forearms and face thoroughly after handling  
P273 - Avoid release to the environment  
P280 - Wear protective clothing, protective gloves, eye protection, face protection  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P301+P330+P331+P310+P321 - IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.  
P370+P378 - In case of fire: Use dry sand to extinguish  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

EUH phrases :

EUH066 - Repeated exposure may cause skin dryness or cracking

Child-resistant fastening :

No

Tactile warning :

Yes

### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects :

Flammable liquid and vapour. Harmful if swallowed. May cause respiratory irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

PBT: not yet assessed

vPvB: not yet assessed

## SECTION 3: Composition/information on ingredients

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified	(CAS No) 64742-95-6 (EC no) 918-668-5	58	Xn; R65 Xi; R37 N; R51/53 R10 R66 R67	Flam. Liq. 3, H226 STOT SE 3, H336 STOT SE 3, H335 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
aluminium powder (stabilised)	(CAS No) 7429-90-5 (EC no) 231-072-3 (EC index no) 013-002-00-1 (REACH-no) 01-2119529243-45-xxxx	25.2	F; R11 F; R15	Water-react. 2, H261 Flam. Sol. 1, H228

Full text of R- and H-phrases: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general :

Remove/Take off immediately all contaminated clothing. Remove victim to fresh air.

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

- First-aid measures after inhalation : Remove victim to fresh air. If you feel unwell, seek medical advice. Keep victim warm and rested. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in the recovery position and seek medical advice. Maintain airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- First-aid measures after skin contact : Rinse and then wash skin with water and soap. Remove clothing before washing. Take victim to a doctor if irritation persists.
- First-aid measures after eye contact : Rinse immediately and plentifully with water, also under the eyelids, for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.
- First-aid measures after ingestion : Immediately call a POISON CENTER or doctor/physician. Move to fresh air. If swallowed, rinse mouth with water (only if the person is conscious). Keep victim warm and rested. If swallowed and victim is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting without medical advice. If vomiting occurs, keep head lower than hips to prevent aspiration. Consult a doctor/medical service if you feel unwell. Never give anything by mouth to an unconscious person. Maintain airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

- Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. For further information see section 11.
- Symptoms/injuries after inhalation : Headache. May cause drowsiness or dizziness. Inhalation of fumes or vapours may cause respiratory irritation. Danger of serious damage to health by prolonged exposure through inhalation.
- Symptoms/injuries after skin contact : Irritation. Repeated exposure to this material can result in absorption through skin causing significant health hazard. Repeated exposure may cause skin dryness or cracking.
- Symptoms/injuries after eye contact : Can occur: eye irritation.
- Symptoms/injuries after ingestion : Gastrointestinal complaints. Nausea. Diarrhoea.

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

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : metal-fire-extinguishing dry powder. Dry sand. Foam. Carbon dioxide.
- Unsuitable extinguishing media : Do not use water. Water-reactive.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : This product is flammable. Hazardous combustion products.
- Explosion hazard : Heavier than air, vapours may travel long distances along ground, ignite and flash back to source. May form flammable/explosive vapour-air mixtures.
- Reactivity in case of fire : Producing fumes/mist.
- Hazardous decomposition products in case of fire : On heating: release of harmful gases/vapours. Carbon oxides (CO, CO<sub>2</sub>).

#### 5.3. Advice for firefighters

- Precautionary measures fire : Approach from upwind. Consider evacuation.
- Firefighting instructions : Personal protection during fire fighting. Wear a self contained breathing apparatus. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Approach from upwind. Do not enter fire area without proper protective equipment, including respiratory protection.
- Other information : Do not inhale vapour. Dispose of contaminated materials in accordance with current regulations. Avoid release to the environment.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Wear suitable protective clothing. Concerning personal protective equipment to use, see section 8. Do not touch or walk through spilled material.

##### 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. Prevent soil and water pollution.

### 6.3. Methods and material for containment and cleaning up

- For containment : Binding agent. Collect all waste in suitable and labelled containers and dispose according to local legislation. Keep in suitable, closed containers for disposal.
- Methods for cleaning up : Shovel or sweep up and put in a closed container for disposal. Pick up with suitable appliance and dispose of.
- Other information : May be dangerously slippery if spilled. Dispose of this material and its container at hazardous or special waste collection point.

### 6.4. Reference to other sections

Reference to other sections (8, 13).

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Additional hazards when processed : Vapours are heavier than air and may spread along floors. Vapours may form explosive mixture with air. The product may charge electrostatically: use earthing wires when transferring from one container to another.
- Precautions for safe handling : Use only in well ventilated areas. Provide local exhaust or general room ventilation. Proper grounding procedures to avoid static electricity should be followed. Use explosion-proof electrical equipment. Handle in accordance with good industrial hygiene and safety procedures.
- Hygiene measures : Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Wash contaminated clothing before reuse. Separate working clothes from town clothes. Launder separately.

### 7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Ensure adequate air ventilation.
- Storage conditions : Keep container tightly closed and in a well-ventilated place. Keep cool. Protect from sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Incompatible products : Keep away from: strong acids, strong bases and oxidising compounds, water, reductor agents.
- Incompatible materials : Combustible materials.
- Heat and ignition sources : No flames, no sparks. Eliminate all sources of ignition. Protect from heat and direct sunlight.
- Prohibitions on mixed storage : Segregate from foodstuffs.
- Storage area : Keep out of direct sunlight. Keep container in a well-ventilated place. Store locked up.
- Special rules on packaging : correctly labelled.

### 7.3. Specific end use(s)

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)		
EU	IOELV TWA (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup> EU HSPA (GW)_ aromatic solvents 160-185

- Additional information : In the event that dust and/or fine particles are generated with this product, it is prudent to minimize prolonged inhalation exposure to these forms not to exceed the occupational exposure limit.

### 8.2. Exposure controls

- Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Both local exhaust and good general room ventilation must be provided not only to control exposure but also to prevent formation of flammable mixtures.
- Personal protective equipment : Protective clothing. Protective goggles. Gloves.

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- Hand protection : 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 : Chemical goggles or face shield
- Skin and body protection : Skin protection appropriate to the conditions of use should be provided. Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust)
- Respiratory protection : In case of inadequate ventilation wear respiratory protection. Extra personal protection: A/P2 filter respirator for organic vapour and harmful dust



- Thermal hazard protection : On heating: self-contained breathing apparatus.
- Environmental exposure controls : Assure that emissions are compliant with all applicable air pollution control regulations. Refer to all applicable national, international and local regulations or provisions.
- Other information : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Separate working clothes from town clothes. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : Paint.
- Colour : Aluminium.
- Odour : aromatic.
- Odour threshold : No data available
- pH : No data available
- Relative evaporation rate (butylacetate=1) : No data available
- Melting point : Not applicable
- Freezing point : Not determined
- Boiling point : Not determined
- Flash point : 47 °C
- Auto-ignition temperature : No data available
- Decomposition temperature : No data available
- Flammability (solid, gas) : Flammable
- Vapour pressure : Not applicable
- Relative vapour density at 20 °C : No data available
- Relative density : No data available
- Density : 0.973 g/cm<sup>3</sup>
- Solubility : Insoluble in water.
- Log Pow : No data available
- Viscosity, kinematic : Not determined
- Viscosity, dynamic : 612 cP Brookfield Spindel 5 rpm100
- Explosive properties : No data available.
- Oxidising properties : No data available
- Explosive limits : No data available

### 9.2. Other information

- Minimum ignition energy : No data available
- Sublimation point : Not applicable for preparations
- Bulk density : Not applicable

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- Other properties : If necessary, information on other physical and chemical parameters is indicated in this section.
- Additional information : No further information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions.

#### 10.2. Chemical stability

Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. On exposure to high temperature, may decompose, releasing : On exposure to high temperature, may decompose, releasing toxic vapours.

#### 10.4. Conditions to avoid

Keep away from heat and direct sunlight. Open flame.

#### 10.5. Incompatible materials

acids and bases. Strong oxidizers.

#### 10.6. Hazardous decomposition products

Incomplete combustion releases dangerous carbon monoxide, carbon dioxide and other toxic gases.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity : Oral: Harmful if swallowed.

##### Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6)

LD50 oral rat 200 - 5000 mg/kg

LD50 dermal rat &lt;= 2000 mg/kg

##### aluminium powder (stabilised) (7429-90-5)

LD50 oral rat &gt; 2000 mg/kg

LC50 inhalation rat (mg/l) &gt; 888 mg/l

- Skin corrosion/irritation : Not classified (Based on available data, the classification criteria are not met)  
Can occur: irritation  
pH: No data available
- Serious eye damage/irritation : Not classified (Based on available data, the classification criteria are not met)  
The product has not been tested. The statement has been derived from substances/products of a similar structure or composition  
pH: No data available
- 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)  
The product has not been tested. The statement has been derived from the properties of the individual components.
- Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
- Specific target organ toxicity (single exposure) : May cause respiratory irritation. May cause drowsiness or dizziness.
- Specific target organ toxicity (repeated exposure) : Not classified (Based on available data, the classification criteria are not met)
- Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)  
No data available.

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Viscosity, kinematic 628.98252826 mm<sup>2</sup>/s

- Potential adverse human health effects and symptoms : Harmful if swallowed. Irritation of the respiratory tract. May cause drowsiness or dizziness.
- Other information : No data available.

### SECTION 12: Ecological information

#### 12.1. Toxicity

- Ecology - general : Dangerous for the environment.
- Ecology - air : Not dangerous for the ozone layer (Council Regulation (EC) no 1005/2009).

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Ecology - water : Toxic to aquatic life with long lasting effects.

<b>Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6)</b>	
LC50 fishes 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

<b>AluZM</b>	
Persistence and degradability	Not readily biodegradable.

### 12.3. Bioaccumulative potential

<b>AluZM</b>	
Log Pow	No data available
Bioaccumulative potential	No data available.

<b>Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6)</b>	
Bioaccumulative potential	Bioaccumulation: not applicable.

### 12.4. Mobility in soil

<b>AluZM</b>	
Ecology - soil	No information available about this product. This material has not been tested.

<b>Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6)</b>	
Ecology - soil	Low mobility (soil).

### 12.5. Results of PBT and vPvB assessment

<b>AluZM</b>	
PBT: not yet assessed	
vPvB: not yet assessed	
Component	
Solvent naphtha (petroleum), light arom. Low boiling point naphtha - unspecified (64742-95-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

Other adverse effects : The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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) : Disposal must be done according to official regulations.

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

Sewage disposal recommendations : Do not discharge into drains or the environment.

Waste disposal recommendations : Packs that cannot be cleaned should be disposed of in the same manner as the contents.

Additional information : 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 : Hazardous waste due to toxicity.

## SECTION 14: Transport information

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











ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number</b>				
1263	1263	1263	1263	1263
<b>14.2. UN proper shipping name</b>				
PAINT	PAINT	Paint	PAINT	PAINT
<b>Transport document description</b>				
UN 1263 PAINT, 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS	UN 1263 PAINT, 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS			

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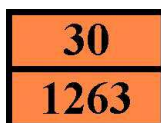
according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

ADR	IMDG	IATA	ADN	RID
<b>14.3. Transport hazard class(es)</b>				
3	3	3	3	3
				
				
<b>14.4. Packing group</b>				
III	III	III	III	III
<b>14.5. Environmental hazards</b>				
Dangerous for the environment : Yes	Dangerous for the environment : Yes Marine pollutant : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes	Dangerous for the environment : Yes
No supplementary information available				

### 14.6. Special precautions for user

#### - Overland transport

Classification code (ADR) : F1  
 Special provisions (ADR) : 163, 640E, 650, 367  
 Limited quantities (ADR) : 5I  
 Excepted quantities (ADR) : E1  
 Packing instructions (ADR) : P001, IBC03, LP01, R001  
 Special packing provisions (ADR) : PP1  
 Mixed packing provisions (ADR) : MP19  
 Portable tank and bulk container instructions (ADR) : T2  
 Portable tank and bulk container special provisions (ADR) : TP1, TP29  
 Tank code (ADR) : LGBF  
 Vehicle for tank carriage : FL  
 Transport category (ADR) : 3  
 Special provisions for carriage - Packages (ADR) : V12  
 Special provisions for carriage - Operation (ADR) : S2  
 Hazard identification number (Kemler No.) : 30  
 Orange plates :



Tunnel restriction code (ADR) : D/E

#### - Transport by sea

Special provisions (IMDG) : 163, 223, 955  
 Limited quantities (IMDG) : 5 L  
 Excepted quantities (IMDG) : E1  
 Packing instructions (IMDG) : P001, LP01  
 Special packing provisions (IMDG) : PP1  
 IBC packing instructions (IMDG) : IBC03  
 Tank instructions (IMDG) : T2  
 Tank special provisions (IMDG) : TP1, TP29  
 EmS-No. (Fire) : F-E  
 EmS-No. (Spillage) : S-E  
 Stowage category (IMDG) : A  
 Properties and observations (IMDG) : Miscibility with water depends upon the composition.  
 MFAG-No : 127;128



### - Air transport

PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3, A72, A192
ERG code (IATA)	: 3L

### - Inland waterway transport

Classification code (ADN)	: F1
Special provisions (ADN)	: 163, 64E, 65
Limited quantities (ADN)	: 5 L
Excepted quantities (ADN)	: E1
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0

### - Rail transport

Classification code (RID)	: F1
Special provisions (RID)	: 163, 640E, 650
Limited quantities (RID)	: 5L
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Special packing provisions (RID)	: PP1
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions (RID)	: TP1, TP29
Tank codes for RID tanks (RID)	: LGBF
Transport category (RID)	: 3
Special provisions for carriage – Packages (RID)	: W12
Colis express (express parcels) (RID)	: CE4
Hazard identification number (RID)	: 30

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 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

Contains no substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

Other information, restriction and prohibition regulations : Any other intended applications should be discussed with the manufacturer.

#### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out

## SECTION 16: Other information

Indication of changes:

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Report mixture CLP classification/labelling.

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

Data sources : Manufacturer/Supplier. Authoring by Quick.MSDS Sprl - Belgium.  
Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.  
Other information : No data available.

Full text of R-, H- and EUH-phrases:

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Flam. Sol. 1	Flammable solids, Category 1
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
Water-react. 2	Substances and Mixtures which, in contact with water, emit flammable gases, Category 2
H226	Flammable liquid and vapour
H228	Flammable solid
H261	In contact with water releases flammable gases
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H411	Toxic to aquatic life with long lasting effects
EUH066	Repeated exposure may cause skin dryness or cracking
R10	Flammable
R11	Highly flammable
R15	Contact with water liberates extremely flammable gases
R37	Irritating to respiratory system
R51/53	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
F	Highly flammable
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

MSDS EU (REACH Annex II)

*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*