SAFETY DATA SHEET

Metafix

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name Metafix

Product number 210012

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

Identified uses Embalming Chemical

1.3. Details of the supplier of the safety data sheet

Supplier

The MazWell Group Ltd.
Units 11/14-15 Ardglen Industrial Estate,
Whitchurch, Hampshire,
RG28 7BB, United Kingdom
+44 (0)1256-893883
+44 (0)1256-893868
enquiries@themazwellgroup.com

1.4. Emergency telephone number

Emergency telephone +44 (0)1256 893883 (Mon- Fri 9:00 am - 4:30 pm)

National emergency telephone number

National Poisons Information Centre (NPIC):
+353 (0) 1 809 2166 (Public poisons information line - 8am - 10pm daily)
+353 (0) 1 809 2566 (Healthcare Professionals only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Flam. Liq. 3 - H226

Health hazards Acute Tox. 4 - H302 Acute Tox. 3 - H311 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 Muta. 2 - H341 Carc. 1B - H350 STOT SE 1 - H370 STOT SE 3 - H335

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms

Signal word Danger

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Hazard statements

H226 Flammable liquid and vapour.
H302+H332 Harmful if swallowed or if inhaled.
H311 Toxic in contact with skin.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H341 Suspected of causing genetic defects.
H350 May cause cancer.
H370 Causes damage to organs .
H335 May cause respiratory irritation.

Precautionary statements

P201 Obtain special instructions before use.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
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.
P311 Call a POISON CENTER/ doctor.
P501 Dispose of contents/ container in accordance with national regulations.

Contains

Formaldehyde, Methanol

Supplementary precautionary statements

P202 Do not handle until all safety precautions have been read and understood.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P260 Do not breathe vapour/ spray.
P261 Avoid breathing vapour/ spray.
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P272 Contaminated work clothing should not be allowed out of the workplace.
P302+P352 IF ON SKIN: Wash with plenty of water.
P308+P311 IF exposed or concerned: Call a POISON CENTER or doctor.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P321 Specific treatment (see medical advice on this label).
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P361+P364 Take off immediately all contaminated clothing and wash it before reuse.
P362+P364 Take off contaminated clothing and wash it before reuse.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

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3.2. Mixtures

Formaldehyde **20.2%**

CAS number: 50-00-0 EC number: 200-001-8

Classification
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Muta. 2 - H341
Carc. 1B - H350
STOT SE 3 - H335

Methanol **10 - <25%**

CAS number: 67-56-1 EC number: 200-659-6 REACH registration number: 01-2119433307-44-XXXX

Classification
Flam. Liq. 2 - H225
Acute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 3 - H331
STOT SE 1 - H370

Propane-1,2-diol **0.5 - <1%**

CAS number: 57-55-6 EC number: 200-338-0

Substance with National workplace exposure limits.

Classification
Not Classified

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides **0.03 %**

CAS number: 68391-01-5 EC number: 269-919-4

M factor (Acute) = 1

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400

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Quaternary ammonium compounds, C12-14-alkyl[(ethylphenyl)methyl]dimethyl, chlorides	**0.03 %**
CAS number: 85409-23-0	EC number: 287-090-7
M factor (Acute) = 10	M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Acute Tox. 4 - H312
Skin Corr. 1B - H314
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

Ethanol	**<0.025%**
CAS number: 64-17-5	EC number: 200-578-6

Classification
Flam. Liq. 2 - H225
Eye Irrit. 2 - H319

Sodium hydroxide	**<0.025%**
CAS number: 1310-73-2	EC number: 215-185-5

Classification
Met. Corr. 1 - H290
Skin Corr. 1A - H314
Eye Dam. 1 - H318

Amines, C12-18-alkyldimethyl	**<0.025%**
CAS number: 68391-04-8	EC number: 269-923-6
M factor (Acute) = 100	M factor (Chronic) = 1

Classification
Acute Tox. 4 - H302
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

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

Inhalation Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. If breathing stops, provide artificial respiration. Get medical attention immediately.

Ingestion Rinse nose and mouth with water. Do not induce vomiting unless under the direction of medical personnel. Get medical attention immediately.

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Skin contact Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention immediately.

Eye contact Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention.

Protection of first aiders First aid personnel should wear appropriate protective equipment during any rescue.

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

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure. Suspected of causing genetic defects. May cause cancer. The product contains a sensitising substance.

Inhalation Toxic if inhaled. May cause respiratory irritation. Symptoms following overexposure may include the following: Headache. Nausea, vomiting.

Ingestion Harmful if swallowed. May cause stomach pain or vomiting.

Skin contact Toxic in contact with skin. Irritating to skin. May cause an allergic skin reaction.

Eye contact Causes serious eye irritation.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards Very toxic gases or vapours. Vapours are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back.

Hazardous combustion products Carbon dioxide (CO2). Carbon monoxide (CO).

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions No action shall be taken without appropriate training or involving any personal risk. Wear protective clothing as described in Section 8 of this safety data sheet. If ventilation is inadequate, suitable respiratory protection must be worn. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains and the aquatic environment.

Metafix

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Eliminate all sources of ignition. Provide adequate ventilation. For personal protection, see Section 8. Absorb spillage with non-combustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Dispose of contents/container in accordance with national regulations.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Eye wash facilities and emergency shower must be available when handling this product. Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate.

Advice on general occupational hygiene Do not eat, drink or smoke when using this product. Take off immediately all contaminated clothing and wash it before reuse. Wash promptly if skin becomes contaminated.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect containers from damage.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Formaldehyde

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2.5 mg/m³
Short-term exposure limit (15-minute): WEL 2 ppm 2.5 mg/m³

Methanol

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³
Sk

Propane-1,2-diol

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Ethanol

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

Sodium hydroxide

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.
Sk = Can be absorbed through the skin.

Methanol (CAS: 67-56-1)

Metafix

DNEL

Workers - Inhalation; Long term systemic effects, local effects: 130 mg/m³
Workers - Inhalation; Short term systemic effects, local effects: 130 mg/m³
Workers - Dermal; Long term systemic effects: 20 mg/kg/day
Workers - Dermal; Short term systemic effects: 20 mg/kg/day
General population - Inhalation; Long term systemic effects, local effects: 26 mg/m³
General population - Inhalation; Short term systemic effects, local effects: 26 mg/m³
General population - Dermal; Long term systemic effects: 4 mg/kg/day
General population - Dermal; Short term systemic effects: 4 mg/kg/day
General population - Oral; Long term systemic effects: 4 mg/kg/day
General population - Oral; Short term systemic effects: 4 mg/kg/day

PNEC

Fresh water; 20.8 mg/l
Fresh water, Intermittent release; 1540 mg/l
marine water; 2.08 mg/l
STP; 100 mg/l
Sediment (Freshwater); 77 mg/kg
Sediment (Marinewater); 7.7 mg/kg
Soil; 100 mg/kg

Geraniol (CAS: 106-24-1)

DNEL

Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
Workers - Dermal; : 12.5 mg/kg/day
Workers - Dermal; Long term local effects: 11800 µg/cm²
General population - Inhalation; Long term systemic effects: 47.8 mg/m³
General population - Dermal; Long term systemic effects: 7.5 mg/kg/day
General population - Dermal; Long term local effects: 11800 µg/cm²
General population - Oral; Long term systemic effects: 13.75 mg/kg/day

PNEC

Fresh water; 0.011 mg/l
Fresh water, Intermittent release; 0.108 mg/l
marine water; 0.001 mg/l
STP; 0.7 mg/l
Sediment (Freshwater); 0.115 mg/kg
Sediment (Marinewater); 0.011 mg/kg
Soil; 0.017 mg/kg

Citronellol (CAS: 106-22-9)

DNEL

Workers - Inhalation; Long term systemic effects: 161.6 mg/m³
Workers - Inhalation; Long term local effects: 10 mg/m³
Workers - Inhalation; Short term local effects: 10 mg/m³
Workers - Dermal; Long term systemic effects: 327.4 mg/kg/day
Workers - Dermal; Short term local effects: 2.950 µg/cm²
General population - Inhalation; Long term systemic effects: 47.8 mg/m³
General population - Inhalation; Long term local effects: 10 mg/m³
General population - Inhalation; Short term local effects: 10 mg/m³
General population - Dermal; Long term systemic effects: 196.4 mg/kg/day
General population - Dermal; Short term local effects: 2950 µg/cm²
General population - Oral; Long term systemic effects: 13.8 mg/kg/day

Metafix

PNEC	Fresh water; 0.002 mg/l Fresh water, Intermittent release; 0.024 mg/l marine water; 0 mg/l STP; 580 mg/l Sediment (Freshwater); 0.026 mg/kg Sediment (Marinewater); 0.003 mg/kg Soil; 0.004 mg/kg

Geranyl acetate (CAS: 105-87-3)

DNEL	Workers - Inhalation; Long term systemic effects: 62.59 mg/m³ Workers - Dermal; Long term systemic effects: 35.5 mg/kg/day General population - Inhalation; Long term systemic effects: 15.4 mg/m³ General population - Dermal; Long term systemic effects: 17.75 mg/kg/day General population - Oral; Long term systemic effects: 8.9 mg/kg/day
PNEC	Fresh water; 3.72 µg/l Fresh water, Intermittent release; 37.2 µg/l marine water; 0.372 µg/l STP; 8 mg/l Sediment (Freshwater); 0.442 mg/kg Sediment (Marinewater); 0.044 mg/kg Soil; 0.086 mg/kg

8.2. Exposure controls

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Use explosion-proof general and local exhaust ventilation.
Eye/face protection	Wear tight-fitting, chemical splash goggles or face shield. Personal protective equipment for eye and face protection should comply with European Standard EN166.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. To protect hands from chemicals, gloves should comply with European Standard EN374.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	Do not eat, drink or smoke when using this product. Eye wash facilities and emergency shower must be available when handling this product. Wash promptly if skin becomes contaminated.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked.
Environmental exposure controls	Keep container tightly sealed when not in use. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.

Metafix

Colour	Gold. Yellow.
Odour	Pungent.
Odour threshold	Not available.
pH	pH (concentrated solution): 6.0-7.5
Melting point	Not available.
Initial boiling point and range	92-94°C @ 760 mm Hg
Flash point	60°C Closed cup.
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Lower flammable/explosive limit: 7% Upper flammable/explosive limit: 73%
Vapour pressure	Not available.
Vapour density	> 1
Relative density	1.04-1.05 @ 20°C
Solubility(ies)	Soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not available.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

9.2. Other information

Other information	No information required.
Volatility	97%

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity See the other subsections of this section for further details.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May polymerise. The following materials may react with the product: Strong oxidising agents.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Metafix

Hazardous decomposition products	Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD_{50})	Harmful if swallowed.
ATE oral (mg/kg)	311.44

Acute toxicity - dermal

Notes (dermal LD_{50})	Toxic in contact with skin.
ATE dermal (mg/kg)	934.32

Acute toxicity - inhalation

Notes (inhalation LC_{50})	Toxic if inhaled.
ATE inhalation (gases ppm)	3,459.63
ATE inhalation (vapours mg/l)	25.26

Skin corrosion/irritation

Animal data	Irritating.

Serious eye damage/irritation

Serious eye damage/irritation	Causes serious eye irritation.

Respiratory sensitisation

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

Skin sensitisation

Skin sensitisation	Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro	Suspected of causing genetic defects.

Carcinogenicity

Carcinogenicity	May cause cancer.

Reproductive toxicity

Reproductive toxicity - fertility	Based on available data the classification criteria are not met.
Reproductive toxicity - development	Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Summary	Causes damage to organs . May cause respiratory irritation.
STOT - single exposure	STOT SE 1 - H370 Causes damage to organs . STOT SE 3 - H335 May cause respiratory irritation.
Target organs	Respiratory system, lungs

Specific target organ toxicity - repeated exposure

Summary	Based on available data the classification criteria are not met.
STOT - repeated exposure	Based on available data the classification criteria are not met.

Aspiration hazard

Metafix

Aspiration hazard Based on available data the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity

Toxicity The product contains a substance which is hazardous to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.2. Persistence and degradability

Persistence and degradability The degradability of the product is not known.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not available.

12.4. Mobility in soil

Mobility Mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Empty containers must not be punctured or incinerated because of the risk of an explosion. The packaging must be empty (drop-free when inverted). Dispose of contents/container in accordance with national regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1992

UN No. (IMDG) 1992

UN No. (ICAO) 1992

UN No. (ADN) 1992

14.2. UN proper shipping name

Proper shipping name (ADR/RID) FLAMMABLE LIQUID, TOXIC, N.O.S. (CONTAINS Methanol, Methanol)

Proper shipping name (IMDG) FLAMMABLE LIQUID, TOXIC, N.O.S. (CONTAINS Methanol, Methanol)

Proper shipping name (ICAO) FLAMMABLE LIQUID, TOXIC, N.O.S. (CONTAINS Methanol, Methanol)

Proper shipping name (ADN) FLAMMABLE LIQUID, TOXIC, N.O.S. (CONTAINS Methanol, Methanol)

14.3. Transport hazard class(es)

ADR/RID class 3

ADR/RID subsidiary risk 6.1

Metafix

ADR/RID classification code	FT1
ADR/RID label	3
IMDG class	3
IMDG subsidiary risk	6.1
ICAO class/division	3
ICAO subsidiary risk	6.1
ADN class	3
ADN subsidiary risk	6.1

Transport labels

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

EmS	F-E, S-D
ADR transport category	3
Emergency Action Code	•3W
Hazard Identification Number (ADR/RID)	36
Tunnel restriction code	(D/E)

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

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015.

Metafix

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Classification abbreviations and acronyms	Flam. Liq. = Flammable liquid Acute Tox. = Acute toxicity Carc. = Carcinogenicity Eye Irrit. = Eye irritation Muta. = Germ cell mutagenicity Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT SE = Specific target organ toxicity-single exposure
Classification procedures according to Regulation (EC) 1272/2008	Acute Tox. 3 - H311: Acute Tox. 4 - H332: Acute Tox. 4 - H302: STOT SE 1 - H370: STOT SE 3 - H335: Skin Irrit. 2 - H315: Eye Irrit. 2 - H319: Skin Sens. 1 - H317: Muta. 2 - H341: Carc. 1B - H350: : Calculation method. Flam. Liq. 3 - H226: : Expert judgement.
Training advice	Only trained personnel should use this material.
Revision comments	Revised formulation.
Revision date	18/06/2021
Revision	8
Supersedes date	05/02/2020
SDS number	615
Hazard statements in full	H225 Highly flammable liquid and vapour. H226 Flammable liquid and vapour. H290 May be corrosive to metals. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H331 Toxic if inhaled. H332 Harmful if inhaled. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H370 Causes damage to organs . H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.