MATERIAL SAFETY DATA SHEET

Revised 15th March 2019

Cellulose Thinners

SECTION 1: IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY

1.1 Product identifier

Product name: **CELLULOSE THINNERS**

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

Identified uses PC9a: Coatings and paints, thinners, paint removers.

Uses advised against Use only for intended applications.

1.3 Details of the supplier of the safety data sheet

Company name: R.K.& J. Jones Ltd
Southery Road
Feltwell
Thetford
Norfolk
IP26 4EH, UK

Tel: 01842 828101
Fax: 01842 828171
Email: sales@birdbrand.co.uk

1.4 Emergency telephone number

Telephone: **01842 828101**

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (EC 1272/2208)

Physical hazards Flam Liq. 2. H225

Health Hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Repr. 2 - H361fd STOT SE 3 - H336 STOT RE 2 - H373. Asp. Tox. 1 - H304

Environmental hazards Aquatic Chronic 2- H411

2.2 Label Elements

Label elements under CLP:

Signal Word **Danger**

Hazard statements:

H225: Highly 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.
H361fd Suspected of damaging fertility. Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long lasting effects.

Precautionary statements: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof electrical equipment.
P260 Do not breathe vapour/ spray.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P233 Keep container tightly closed**.**

Contains BUTYL ACETATE -norm, TOLUENE, HEPTANE, CYCLOHEXANE, HEXANE-norm, PROPAN-1-OL, PROPAN-2-OL, BUTANOL-norm, BUTAN-2-OL, ACETONE, BUTANONE, METHYL ACETATE, ETHYL ACETATE, PROPYL ACETATE

Supplementary precautionary Statements
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P240 Ground/ bond container and receiving equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash contaminated skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ 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. P314 Get medical advice/ attention if you feel unwell.
P331 Do NOT induce vomiting.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P391 Collect spillage.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

2.3 Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

BUTYL ACETATE -norm		**10-30%**
CAS number: 123-86-4	EC number: 204-658-1	REACH registration number: 01-2119485493-29-XXXX
Classification Flam. Liq. 3 - H226 STOT SE 3 - H336	**Classification (67/548/EEC or 1999/45/EC)** R10 R66 R67	

:

TOLUENE		**5-10%**
CAS number: 108-88-3	EC number: 203-625-9	REACH registration number: 01-2119471310-51-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361d STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304	F;R11 Repr. Cat. 3;R63 Xn;R48/20,R65 Xi;R38 R67

TETRAHYDROFURAN		**1-5%**
CAS number: 109-99-9	EC number: 203-726-8	REACH registration number: 01-2119444314-46-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 Carc. 2 - H351 STOT SE 3 - H335	Carc. Cat. 3;R40. Xi;R36/37. F;R11. R19.

BUTANOL-norm		**1-5%**
CAS number: 71-36-3	EC number: 200-751-6	REACH registration number: 01-2119484630-38-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335, H336	R10 Xn;R22 Xi;R37/38,R41 R67

METHANOL		**1-5%**
CAS number: 67-56-1	EC number: 200-659-6	REACH registration number: 01-2119433307-44-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	F;R11 T;R23/24/25,R39/23/24/25

BUTAN-2-OL		**1-5%**
CAS number: 78-92-2	EC number: 201-158-5	

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 Eye Irrit. 2 - H319 STOT SE 3 - H335, H336	R10 Xi;R36/37 R67

CYCLOHEXANE			**1-5%**
CAS number: 110-82-7	EC number: 203-806-2	REACH registration number: 01-2119463273-41-XXXX	
M factor (Acute) = 1	M factor (Chronic) = 1		

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	F;R11 Xn;R65 Xi;R38 R67 N;R50/53

ETHYLBENZENE		**1-5%**
CAS number: 100-41-4	EC number: 202-849-4	

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Acute Tox. 4 - H332	F;R11 Xn;R20

HEPTANE			**1-5%**
CAS number: 142-82-5	EC number: 205-563-8	REACH registration number: 01-2119457603-38-XXXX	
M factor (Acute) = 1	M factor (Chronic) = 1		

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	F;R11 Xn;R65 Xi;R38 R67 N;R50/53

HEXANE-norm		**1-5%**
CAS number: 110-54-3	EC number: 203-777-6	REACH registration number: TB252081-55 Pre-Registration Number

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Repr. 2 - H361f STOT SE 3 - H336 STOT RE 2 - H373 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	F;R11 Repr. Cat. 3;R62 Xn;R48/20,R65 Xi;R38 R67 N;R51/53

PROPAN-2-OL		**1-5%**
CAS number: 67-63-0	EC number: 200-661-7	REACH registration number: 01-2119457558-25-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R67

XYLENE		**1-5%**
CAS number: 1330-20-7	EC number: 215-535-7	REACH registration number: 01-2119488216-32-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 3 - H226 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315	R10 Xn;R20/21 Xi;R38

METHYL ACETATE		**1-5%**
CAS number: 79-20-9	EC number: 201-185-2	REACH registration number: 01-2119459211-47-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R66 R67

PROPAN-1-OL		**1-5%**
CAS number: 71-23-8	EC number: 200-746-9	REACH registration number: 01-2119486761-29-XXXX

Classification	**Classification (67/548/EEC or 1999/45/EC)**
Flam. Liq. 2 - H225 Eye Dam. 1 - H318 STOT SE 3 - H336	F;R11 Xi;R41 R67

ACETONE		1-5%
CAS number: 67-64-1	EC number: 200-662-2	REACH registration number: 01-2119471330-49-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R66 R67

ETHYL ACETATE		1-5%
CAS number: 141-78-6	EC number: 205-500-4	REACH registration number: 01-2119475103-46-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R66 R67

ISOBUTYL METHYL KETONE (MIBK)		1-5%
CAS number: 108-10-1	EC number: 203-550-1	REACH registration number: 01-2119473980-30-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Acute Tox. 4 - H332 Eye Irrit. 2 - H319 STOT SE 3 - H335	F;R11 Xn;R20 Xi;R36/37 R66

PROPYL ACETATE		1-5%
CAS number: 109-60-4	EC number: 203-686-1	REACH registration number: 01-2119484620-39-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R66 R67

BUTANONE		1-5%
CAS number: 78-93-3	EC number: 201-159-0	REACH registration number: 01-2119457290-43-XXXX

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	F;R11 Xi;R36 R66 R67

ETHANOL		1-5%
CAS number: 64-17-5	EC number: 200-578-6	

Classification	Classification (67/548/EEC or 1999/45/EC)
Flam. Liq. 2 - H225	F;R11

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash skin thoroughly with soap and water. If irritation occurs get medical advice/attention.

Eye Contact: If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. If conscious give 500ml of water to drink immediatley. wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If inhaled remove person to fresh air and keep comfortable for breathing.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor If exposed or concerned get medical advice/attention.

Specific treatment: Eye bathing equipment should be available on the premises.

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Extinguishing media: Use fire-extinguishing media suitable for the surrounding fire. Water Spray may be used to keep fire exposed containers cool

5.2 Special hazards arising from the substance or mixture

Hazardous combustion Products: Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid. Take precautionary measures against static discharge.

6.2 Environmental precautions:

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Clean up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage

container for disposal by an appropriate method. Use only non-sparking tools.

6.4 Reference to other sections

Reference to other sections: For personal protection, see Section 8,

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Usage Precautions: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation of mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical/ventilating/lighting. Do not breathe mist/vapours/spray. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep container tightly closed. Use only non-sparking tools.

Advice on general occupational hygiene Take off contaminated clothing and wash it before re-use.

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.

Storage class: Flammable liquid storage.

7.3 Specific end use(s)

Specific end use(s): No data available

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters

Occupational exposure limits

BUTYL ACETATE -norm

Long-term exposure limit (8-hour TWA): WEL 150 ppm 724 mg/m³

Short-term exposure limit (15-minute): WEL 200 ppm 966 mg/m³

TOLUENE

Long-term exposure limit (8-hour TWA): mg/m3(Sk) \ ppm(Sk) 1 mg/m3(Sk)

Short-term exposure limit (15-minute): mg/m3(Sk) 〈 0 ppm(Sk) 4 mg/m3(Sk)

TETRAHYDROFURAN

Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 150 mg/m3(Sk)

Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 300 mg/m3(Sk)

BUTANOL-norm

Long-term exposure limit (8-hour TWA): WEL

Short-term exposure limit (15-minute): WEL 50 ppm(Sk) 154 mg/m3(Sk)

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 266 mg/m3(Sk)

Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 333 mg/m3(Sk)

BUTAN-2-OL

Long-term exposure limit (8-hour TWA): WEL 100 ppm 308 mg/m³

Short-term exposure limit (15-minute): WEL 150 ppm 462 mg/m³

CYCLOHEXANE

Long-term exposure limit (8-hour TWA): WEL 100 ppm 350 mg/m³

Short-term exposure limit (15-minute): WEL 300 ppm 1050 mg/m³

ETHYLBENZENE
Long-term exposure limit (8-hour TWA): WEL 100 ppm(Sk) 441 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 125 ppm(Sk) 552 mg/m3(Sk)

HEPTANE
Long-term exposure limit (8-hour TWA): WEL 500 ppm
Short-term exposure limit (15-minute): WEL

HEXANE-norm
Long-term exposure limit (8-hour TWA): WEL 20 ppm 72 mg/m³
Short-term exposure limit (15-minute): WEL

PROPAN-2-OL
Long-term exposure limit (8-hour TWA): WEL 400 ppm 999 mg/m³
Short-term exposure limit (15-minute): WEL 500 ppm 1250 mg/m³

XYLENE
Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 220 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 441 mg/m3(Sk)

METHYL ACETATE
Long-term exposure limit (8-hour TWA): WEL 200 ppm 616 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 770 mg/m³

PROPAN-1-OL
Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 500 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 250 ppm(Sk) 625 mg/m3(Sk)

ACETONE
Long-term exposure limit (8-hour TWA): WEL 500 ppm 1210 mg/m³
Short-term exposure limit (15-minute): WEL 1500 ppm 3620 mg/m³

ETHYL ACETATE
Long-term exposure limit (8-hour TWA): WEL 200 ppm
Short-term exposure limit (15-minute): WEL 400 ppm

ISOBUTYL METHYL KETONE (MIBK)
Long-term exposure limit (8-hour TWA): WEL 50 ppm(Sk) 208 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 100 ppm(Sk) 416 mg/m3(Sk)

PROPYL ACETATE
Long-term exposure limit (8-hour TWA): WEL 200 ppm 849 mg/m³
Short-term exposure limit (15-minute): WEL 250 ppm 1060 mg/m³

BUTANONE
Long-term exposure limit (8-hour TWA): WEL 200 ppm(Sk) 600 mg/m3(Sk)
Short-term exposure limit (15-minute): WEL 300 ppm(Sk) 899 mg/m3(Sk)

ETHANOL
Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³
Short-term exposure limit (15-minute): WEL
WEL = Workplace Exposure Limit

DNEL	No data available
PNEC	No data available

8.2 Exposure controls
Protective equipment

Appropriate engineering Controls	Ensure there is sufficient ventilation of the area. Use explosion-proof electrical/ventilating/lighting. Take precautionary measures against static discharge.
Eye/face protection	Tightly fitting safety goggles. Ensure eye bath is to hand.
Hand protection	Wear protective gloves.
Other skin and body Protection	Wear protective clothing. Take precautionary measures against static discharge.
Wear protective clothing.	Take precautionary measures against static discharge.
Respiratory protection	Self-contained breathing apparatus must be available in case of emergency.
Environmental exposure Controls	Prevent from entering in public sewers or the immediate environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Colourless Liquid
Odour:	Unpleasant
Odour threshold:	Data lacking
pH:	Data lacking
Melting Point:	Data lacking
Initial Boiling Point:	Data lacking
Flash point:	<21°C
Evaporation rate:	Data lacking
Evaporation factor:	Data lacking
Flammability (sold,gas)	Data lacking
Upper/lower flammability or explosive limits:	Data lacking
Other flammability:	Data lacking.
Vapour pressure	Data lacking.
Vapour density:	Data lacking.
Relative density:	0.8 - 0.9 @ 20°C
Bulk density:	Data lacking.
Solubility(ies):	Data lacking.
Partition coefficient:	Data lacking.
Auto-ignition temperature:	Data lacking.
Decomposition Temperature:	Data lacking.
Viscosity:	Non-viscous
Explosive properties:	Data lacking.
Explosive under the influence of a flame:	Not considered to be explosive.
Oxidising properties:	Not available.

9.2 Other information
Other information: No data available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Reactivity: Stable under recommended transport or storage conditions.

10.2 Chemical stability
Stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions: Under normal conditions of storage and use, no hazardous reactions will occur. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid
Conditions to avoid: Avoid heat.

10.5 Incompatible materials
Materials to avoid: Strong acids. Strong oxidising agents.

10.6 Hazardous decomposition products
Haz. decomp. products: In combustion emits toxic fumes

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute toxicity - dermal
ATE dermal (mg/kg) 5,345.0
Inhalation : There may be irritation of the throat with a feeling of tightness in the chest.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Skin contact: There may be irritation or redness at the site of contact.
Eye contact There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Toxicological information on ingredients.

BUTYL ACETATE -norm

Inhalation: Drowsiness, dizziness, disorientation, vertigo.
Skin contact: Prolonged contact may cause dryness of the skin.
Eye contact: Irritating to eyes.
Acute and chronic health hazards Gas or vapour in high concentrations may irritate the respiratory system.
Route of entry: Inhalation Skin absorption Ingestion.
Medical symptoms: Irritation of eyes and mucous membranes.

TOLUENE

Toxicological effects: This product is toxic.
Inhalation: Harmful if inhaled
Ingestion: Very toxic if swallowed.
Skin contact: May be harmful if absorbed through the skin.
Eye contact: Risk of serious damage to eyes.
Acute and chronic health hazards May cause damage to the liver and kidneys
Route of entry: Inhalation Ingestion. Skin and/or eye contact
Target organs: Liver Kidneys Respiratory system, lungs Central nervous system
Medical symptoms: Difficulty in breathing. Drowsiness, dizziness, disorientation, vertigo.

Unconsciousness, possibly death.

Medical considerations: Pre Existing Respiratory Disorders and Lung Diseases.

TETRAHYDROFURAN

Acute & chronic health hazards: Gas or vapour is harmful on prolonged exposure or in high concentrations. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Narcotic effect. A single exposure may cause the following adverse effects: Central nervous system depression. Unconsciousness. Death.

Route of entry No route of entry noted.

Target organs: Central nervous system Eyes Kidneys Liver Respiratory system, lungs skin

Medical symptoms: Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation ofthe nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Respiratory failure. Death. Skin irritation. Nausea, vomiting. Unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypotension (low blood pressure). Dizziness. Medical considerations Convulsions. Central nervous system depression.

BUTANOL-norm

Ingestion: May cause discomfort if swallowed.

Skin contact: Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact: May cause severe eye irritation.

Acute & chronic healthhazards: Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Gas or vapour in high concentrations may irritate the respiratory system.

Route of entry: Inhalation Ingestion. Skin and/or eye contact

Target organs: Eyes Mucous membranes Respiratory system, lungs

Medical symptoms: Irritation of eyes and mucous membranes. Drowsiness, dizziness, disorientation, vertigo.

Medical considerations: Splash in eye requires examination by eye specialist.

METHANOL

Acute & chronic health hazards: Gas or vapour is harmful on prolonged exposure or in high concentrations. This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. Toxic through skin absorption (percutaneous). Narcotic effect. Repeated exposure may cause chronic eye irritation. May cause chemical eye burns. Acute eczematous dermatitis, contact type erythema, oedema, papules, vesicles, bullae, crusts, desquamation. Swallowing concentrated chemical may cause severe internal injury.

Route of entry: Inhalation Ingestion. Skin and/or eye contact Target organs Central nervous system Eyes Gastro-intestinal tract Heart & cardiovascular system, skin

Medical symptoms: Severe irritation, burning and tearing. Visual disturbances, including blurred vision. Respiratory failure. Death. Severe skin irritation. Nausea, vomiting. Headache. Behavioural changes. Tremors, convulsions.

Medical considerations: Skin disorders and allergies.

CYCLOHEXANE

Toxicological effects: No evidence of carcinogenic mutagenic or teratogenic effects

Acute & chronic health hazards: Gas or vapour is toxic or extremely irritating, even on brief exposure. Gas or vapour is harmful on prolonged exposure or in high concentrations. This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Narcotic effect. A single exposure may cause the following adverse effects: Central nervous system depression. Repeated exposure may cause chronic eye irritation. Acute eczematous dermatitis, contact type erythema, oedema, papules, vesicles, bullae, crusts, desquamation. Swallowing concentrated chemical may cause severe internal injury. Unconsciousness. Death.

Route of entry Inhalation: Ingestion. Skin and/or eye contact

Target organs: Central nervous system Eyes Respiratory system, lungs Skin

Medical symptoms: Severe irritation, burning and tearing. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause **suffocation. Severe skin irritation. Nausea,** vomiting. Unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypotension (low blood pressure). Dizziness.

Medical considerations: Skin disorders and allergies. Convulsions. Central nervous system depression.

ETHYLBENZENE

Toxicological effects: No evidence of carcinogenic mutagenic or teratogenic effects

HEPTANE

Inhalation: Central nervous system depression.

Ingestion: May cause internal injury.

Skin contact: Product has a defatting effect on skin. May cause allergic contact eczema. Product has a defatting effect on skin. Eye contact Irritating to eyes.

Acute & chronic health hazards: Prolonged inhalation of high concentrations may damage respiratory system. Product has a defatting effect on skin. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Nausea, vomiting. Headache.

Route of entry: Inhalation Ingestion. Skin and/or eye contact

Target organs: Central nervous system

Medical symptoms: Irritation of eyes and mucous membranes. Skin irritation. Difficulty in breathing.

HEXANE-norm

Inhalation: Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. Vapours in high concentrations are anaesthetic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Central nervous system depression.

Ingestion: Harmful: possible risk of irreversible effects if swallowed.

Skin contact: Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact: May cause severe eye irritation.

Acute & chronic health hazards: May cause unconsciousness, blindness and possibly death. Route of entry Inhalation Ingestion.

Target organs: Central nervous system Eyes

Medical symptoms: Irritation of eyes and mucous membranes. Unconsciousness.

PROPAN-2-OL

Other health effects:	Consolidated carcinogen list.
Inhalation:	Vapours in high concentrations are anaesthetic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Central nervous system depression.
Ingestion:	Swallowing concentrated chemical may cause severe internal injury.
Skin contact:	Contains components which may penetrate the skin. Prolonged contact may cause redness, irritation and dry skin.
Eye contact:	Irritation of eyes and mucous membranes.
Acute & chronic health Hazards:	Exposure; This chemical has good warning properties. Gas or vapour is harmful on prolonged exposure or in high concentrations. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Narcotic effect. A single exposure may cause the following adverse effects: Central nervous system depression. May cause chemical eye burns. Swallowing concentrated chemical may cause severe internal injury. Unconsciousness. Death.
Route of entry:	Inhalation Ingestion. Skin and/or eye contact
Target organs:	Central nervous system Eyes Respiratory system, lungs Skin
Medical symptoms:	Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause suffocation. Skin irritation. Nausea, vomiting. Unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypotension(low blood pressure). Dizziness.
Medical considerations:	Convulsions. Central nervous system depression.

XYLENE

Acute & chronic health hazards:	This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Toxic through skin absorption (percutaneous). A single exposure may cause the following adverse effects: Central nervous system depression. Anaesthetic in high concentrations. Repeated exposure may cause chronic eye irritation. May cause chemical eye burns. Acute eczematous dermatitis, contact type erythema, oedema, papules, vesicles, bullae, crusts, desquamation. Swallowing concentrated chemical may cause severe internal injury. Unconsciousness. Death.
Route of entry:	Inhalation Skin absorption Ingestion. Skin and/or eye contact
Target organs:	Blood Central nervous system Eyes Gastro-intestinal tract Kidneys Liver Respiratory system, lungs skin
Medical symptoms:	Severe irritation, burning and tearing. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause suffocation. Severe skin irritation. Nausea, vomiting. Unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypotension (low blood pressure). Dizziness.
Medical considerations:	Skin disorders and allergies. Convulsions. Central nervous system depression.

METHYL ACETATE

Inhalation	Vapour may irritate respiratory system/lungs. Vapours may irritate throat/respiratory system. Symptoms following overexposure may include the following: Headache. Dizziness. Drowsiness. May cause an asthma-like shortness of breath.
Ingestion:	May cause stomach pain or vomiting. Pneumonia may be the result if

vomited material containing solvents reaches the lungs. Skin contact Product has a defatting effect on skin.

Eye contact: Severe irritation, burning and tearing.

Acute & chronic health hazards: This product may cause skin and eye irritation. Prolonged inhalation of high concentrations may damage respiratory system. Product has a defatting effect on skin. May cause allergic contact eczema. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Route of entry Inhalation Skin absorption Ingestion.

Target organs: Central nervous system Eyes Respiratory system, lungs.

Medical symptoms: Severe irritation, burning and tearing. Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

Medical considerations: Pre-existing eye problems. Pre Existing Respiratory Disorders and Lung Diseases.

PROPAN-1-OL

Toxicological effects: No evidence of carcinogenic mutagenic or teratogenic effects

ACETONE

Acute & chronic health hazards: Gas or vapour is harmful on prolonged exposure or in high concentrations. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Narcotic effect. A single exposure may cause the following adverse effects: Central nervous system depression. Vapour from this product may be hazardous by inhalation. Repeated exposure may cause chronic eye irritation. Defatting, drying and cracking of skin. Swallowing concentrated chemical may cause severe internal injury. Central and/or peripheral nervous system damage. Prolonged or repeated exposure may cause the following adverse effects: Serious damage to the lining of nose, throat and lungs. Prolonged or repeated exposure to vapours in high concentrations may cause the following adverse effects: Sore throat. Irritation of nose, throat and airway.

Route of entry Inhalation: Skin absorption Ingestion. Skin and/or eye contact

Target organs: Central nervous system Eyes Gastro-intestinal tract Respiratory system, lungs. skin

Medical symptoms: Irritation of eyes and mucous membranes. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. Skin irritation. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Intoxication. Symptoms following overexposure to dust may include the following: Irritability. Headache. Nausea, vomiting. Hypotension (low blood pressure). Medical considerations Skin disorders and allergies.

ETHYL ACETATE

General information: Prolonged and repeated contact with solvents over a long period may lead to permanent health problems. Inhalation Vapours may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing. May cause damage to mucous membranes in nose, throat, lungs and bronchial system. Excessive inhalation of vapours can cause respiratory irritation, headache, drowsiness and fatigue.

Ingestion: Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact: Product has a defatting effect on skin. Irritating to skin.

Eye contact: Irritating to eyes. Acute and chronic health hazards

Irritating to skin.: Irritating to eyes. May cause respiratory system irritation. May cause

severe internal injury. May cause damage to the liver and kidneys.

Route of entry: Inhalation Skin absorption Ingestion. Skin and/or eye contact

Target organs: Liver Kidneys Mucous membranes Gastro-intestinal tract

Medical symptoms: Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting. Difficulty in breathing. Gastrointestinal symptoms, including upset stomach. Severe headache. Unconsciousness.

Medical considerations: Liver and/or kidney damage. Skin disorders and allergies. Pre-existing eye problems.

ISOBUTYL METHYL KETONE (MIBK)

Toxicological effects: No evidence of carcinogenic mutagenic or teratogenic effects

Acute & chronic health hazards: Gas or vapour is harmful on prolonged exposure or in high concentrations. This product is corrosive. This product may cause skin and eye irritation. Prolonged contact may cause burns. Symptoms following overexposure may include the following: Irritation of eyes and mucous membranes. Toxic through skin absorption(percutaneous). Narcotic effect. A single exposure may cause the following adverse effects: Central nervous system depression. Repeated exposure may cause chronic eye irritation. Acute eczematous dermatitis, contact type erythema, oedema, papules, vesicles, bullae, crusts, desquamation. Swallowing concentrated chemical may cause severe internal injury. Unconsciousness. Death.

Route of entry: Inhalation Ingestion. Skin and/or eye contact

Target organs: Central nervous system Eyes Respiratory system, lungs Skin

Medical symptoms: Severe irritation, burning and tearing. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause suffocation. Severe skin irritation. Nausea, vomiting. Unconsciousness, possibly death. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Behavioural changes. Hypotension (low blood pressure). Dizziness. Medical considerations Skin disorders and allergies. Convulsions. Central nervous system depression.

PROPYL ACETATE

Toxicological effects: No evidence of carcinogenic mutagenic or teratogenic effects

BUTANONE

Inhalation: Vapour from this product may be hazardous by inhalation.

Ingestion May cause severe internal injury.

Skin contact: Product has a defatting effect on skin. May cause allergic contact eczema.

Eye contact: May cause severe eye irritation.

Route of entry: Inhalation Ingestion. Skin absorption Skin and/or eye contact

Medical symptoms: Gas or vapour in high concentrations may irritate the respiratory system. Symptoms following overexposure may include the following: Headache. Fatigue. Nausea, vomiting. Unconsciousness.

Medical considerations: Chronic respiratory and obstructive airway diseases. Pre-existing eye problems. Skin disorders and allergies.

ETHANOL

Ingestion: May cause liver and/or renal damage.

Skin contact: Skin irritation should not occur when used as recommended.

Eye contact: Irritating to eyes.

Acute & chronic health hazards: Gas or vapour is harmful on prolonged exposure or in high concentrations. Symptoms following overexposure may include the

following: Irritation of eyes and mucous membranes. Toxic through skin absorption (percutaneous). Narcotic effect. Known or suspected teratogen. A single exposure may cause the following adverse effects: Central nervous system depression. Repeated exposure may cause chronic eye irritation. High concentrations may cause severe lung damage. Defatting, drying and cracking of skin. Swallowing concentrated chemical may cause severe internal injury. Unconsciousness. Death.

Route of entry: Inhalation Ingestion. Skin and/or eye contact

Target organs: Central nervous system Eyes Gastro-intestinal tract Liver Respiratory system, lungs Skin

Medical symptoms: Irritation of eyes and mucous membranes. Dilated pupils. Rhinitis (inflammation of the nasal mucous membranes). Upper respiratory irritation. General respiratory distress, unproductive cough. May cause suffocation. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Headache. Behavioural changes. Hypotension (low blood pressure). Dizziness. Confusion, agitation and/or excitation.

Medical considerations: Convulsions. Central nervous system depression.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information on ingredients.

ETHYLBENZENE

Ecotoxicity: The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

HEPTANE

Ecotoxicity: The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

ACETONE

Ecotoxicity: Fish: Low Daphnia: Moderate

ETHYL ACETATE

Ecotoxicity: The product is not expected to be toxic to aquatic organisms.

PROPYL ACETATE

Ecotoxicity: There are no data on the ecotoxicity of this product.

ETHANOL

Ecotoxicity: The Environmental hazards of this material has not been assessed. Standard handling protocols apply to prevent release to the environment.

12.1. Toxicity

Toxological information on ingredients.

BUTYL ACETATE -norm

Toxicity: LOW

Acute toxicity - fish LC_{50}, 96 hours: 100 mg/l, Algae

Acute toxicity - aquatic invertebrates EC_{50}, 48 hours: 44-205 mg/l, Daphnia magna

TOLUENE

Toxicity: LOW

Acute toxicity - fish LC_{50}, 96 hours: 10 - 100 mg/l, Algae

TETRAHYDROFURAN

Toxicity: LOW

Acute toxicity - fish Peces LC_{50}, 96 horas: 2160 mg/l, Peces

BUTANOL-norm

Acute toxicity - fish LC_{50}, 96 hours: 1000-1200 mg/l, Algae

Acute toxicity - aquatic EC_{50}, 48 hours: 1855 mg/l, Daphnia magna

invertebrates

METHANOL

Toxicity: LOW
Acute toxicity - fish LC_{50}, 96 hours: 24900 mg/l, Algae

CYCLOHEXANE

Toxicity: MODERATE.
Acute aquatic toxicity: $LE(C)_{50}$ 0.1 < L(E)C50 ≤ 1
M factor (Acute): 1
Acute toxicity – fish: LC_{50}, 96 hours: 10-100 mg/l, Algae
Chronic aquatic toxicity
M factor (Chronic): 1

ETHYLBENZENE

Toxicity: MODERATE.

HEPTANE

Toxicity: LOW
Acute aquatic toxicity: $LE(C)_{50}$ 0.1 < L(E)C50 ≤ 1
M factor (Acute): 1
Acute toxicity – fish: LC_{50}, 96 hours: 4 mg/l, Algae
Chronic aquatic toxicity
M factor (Chronic): 1

HEXANE-norm

Acute toxicity – fish: LC_{50}, 96 hours: Nol Information Found mg/l, Algae

PROPAN-2-OL

Toxicity: LOW
Acute toxicity – fish: LC_{50}, 96 hours: >100 mg/l, Algae

XYLENE

Toxicity: MODERATE.

METHYL ACETATE

Toxicity: Not considered toxic to fish.
Acute toxicity – fish: LC_{50}, 96 hours: >100 mg/l, Algae

PROPAN-1-OL

Toxicity: LOW
Acute toxicity – fish: LC_{50}, 96 hours: >100 mg/l, Algae

ACETONE

Toxicity: LOW

ISOBUTYL METHYL KETONE (MIBK)

Acute toxicity – fish: LC_{50}, 96 hours: >100 mg/l, Algae

PROPYL ACETATE

Toxicity: LOW
Acute toxicity: EC_{50}, 48 hours: 318 mg/l, Daphnia magna
- aquatic invertebrates

BUTANONE

Toxicity: LOW
Acute toxicity - fish LC_{50}, 96 hours: >100 mg/l, Algae

ETHANOL

Toxicity: MODERATE.
Acute toxicity - fish LC_{50}, 96 hours: >100 mg/l, Algae

12.2. Persistence and degradability
Persistence and degradability: The product is biodegradable.
Ecological information on ingredients.

BUTYL ACETATE -norm
Persistence and degradability: The degradability of the product is not known.

TOLUENE
Persistence and degradability: MODERATE IN WATER

TETRAHYDROFURAN
Persistence and degradability: The product is expected to be biodegradable.

METHANOL
Persistence and degradability: SIGNIFICANT COMPARTMENTS LIKELY TO BE:~ WATER RAPID. AIR RAPID PHOTO OXIDATION

CYCLOHEXANE
Persistence and degradability: SIGNIFICANT COMPARTMENTS LIKELY TO BE:~ AIR RAPID PHOTO OXIDATION

ETHYLBENZENE
Persistence and degradability: MODERATE

HEXANE-norm
Persistence and degradability: The product is not readily biodegradable.

PROPAN-2-OL
Persistence and degradability: SIGNIFICANT COMPARTMENTS LIKELY TO BE:~ WATER RAPID. AIR RAPID PHOTO OXIDATION

XYLENE
Persistence and degradability: SIGNIFICANT COMPARTMENTS LIKELY TO BE:~ AIR RAPID PHOTO OXIDATION SOIL MODERATE

METHYL ACETATE
Persistence and degradability: The product is expected to be slowly biodegradable.

PROPAN-1-OL
Persistence and degradability SIGNIFICANT COMPARTMENTS LIKELY TO BE:~ WATER RAPID. AIR RAPID PHOTO OXIDATION

ACETONE
Persistence and Degradability: Significant Conpartments likely to be air, water. Persistance: in air, moderate; in water and soil, rapid biodegredation.

ISOBUTYL METHYL KETONE (MIBK)
Persistence and degradability: The product is slowly degradable.

PROPYL ACETATE
Persistence and degradability: RAPID.

BUTANONE
Persistence and degradability: MODERATE

12.3. Bioaccumulative potential
Bioaccumulative potential: The product is not bioaccumulating.
Partition coefficient: Data lacking.
Ecological information on ingredients.

BUTYL ACETATE -norm

Bioaccumulative potential: The product is not bioaccumulating.

TOLUENE

Bioaccumulative potential LOW
Partition coefficient: <3

TETRAHYDROFURAN

Bioaccumulative potential: LOW ON THE BASIS OF LOG KOW

BUTANOL-norm

Partition coefficient : P:7.6; logP: 0.88

METHANOL

Bioaccumulative potential: LOW ON THE BASIS OF BCF

CYCLOHEXANE

Bioaccumulative potential: MODERATE ON THE BASIS OF LOG KOW

ETHYLBENZENE

Bioaccumulative potential: LOW

HEPTANE

Bioaccumulative potential: LOW

HEXANE-norm

Bioaccumulative potential: The product is not bioaccumulating.

PROPAN-2-OL

Bioaccumulative potential: LOW ON THE BASIS OF LOG KOW

XYLENE

Bioaccumulative potential :MEDIUM ON THE BASIS OF VARIABLE BCF

METHYL ACETATE

Bioaccumulative potential: Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

PROPAN-1-OL

Bioaccumulative potential: LOW ON THE BASIS OF LOG KOW

ACETONE

Bioaccumulative potential: LOW ON THE BASIS OF BCF
Partition coefficient:: -0.24

ISOBUTYL METHYL KETONE (MIBK)

Bioaccumulative potential: LOW
Partition coefficient: 1.38

PROPYL ACETATE

Bioaccumulative potential: LOW

BUTANONE

Bioaccumulative potential: MODERATE

ETHANOL

Bioaccumulative potential: LOW ON THE BASIS OF LOG KOW

12.4. Mobility in soil

Mobility: Readily absorbed into soil

Ecological information on ingredients.

TOLUENE

Mobility: The product contains volatile organic compounds (VOCs) which will evaporate

easily from all surfaces.

CYCLOHEXANE

Mobility: The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

ETHYLBENZENE

Mobility: The product is insoluble in water and will spread on the water surface.

HEXANE-norm

Mobility: The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.

PROPYL ACETATE

Mobility: Highly mobile due to infinite water solubility.

BUTANONE

Mobility: The product is miscible with water and may spread in water systems.

ETHANOL

Mobility: Highly mobile due to infinite water solubility.

12.5 Results of PBT and vPvB assessment

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

12.6 Other adverse effects

Other adverse effects: Negligible ecotoxicity.

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

General information: Avoid release to the environment.

Disposal methods: Transfer to a suitable container and arrange for collection by specialised disposal company. NB the user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Waste class: 08 01 11

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

UN No. (ADR/RID): UN 1263
UN No. (IMDG): UN 1263
UN No. (ICAO): UN 1263
UN No. (ADN): UN 1263

14.2 UN Proper shipping name

Shipping name: PAINT RELATED MATERIAL
(ADR/RID, IMDG, ICAO, ADN)

14.3 Transport hazard class(es)

Transport class: 3
ADR/RID classification code: F1
Transport Labels:

14.4 Packing group

Packing group: II
((ADR/RID, IMDG, ICAO, ADN)

14.5 Environmental hazards
Environmentally hazardous/marine pollutant:

14.6 Special precautions for user
EmS: F-E, S-E
ADR transport category: 2
Emergency Action Code: 3YE
Hazard Identification Number: 33
(ADR/RID)
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: Not applicable
Annex II of MARPOL 73/78
and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations: Not applicable

15.2 Chemical Safety Assessment
Chemical safety assessment: A REACH chemical safety assessment has been carried out on the REACH registered products showing in section 3 of SDS

SECTION 16: OTHER INFORMATION

Abbreviations used in the safety data sheet:

ATE: **Acute Toxicity Estimate.**
DNEL: **Derived No Effect Level.**
PNEC: **Predicted No Effect Concentration.**
CLP: **Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008)]**
EUH statement: **CLP-specific Hazard statement**
General information This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Hazard statements in full H225 Highly flammable liquid and vapour.
H226 **Flammable liquid and vapour.**
H301 **Toxic if swallowed.**
H302 **Harmful if swallowed.**
H304 **May be fatal if swallowed and enters airways.**
H311 **Toxic in contact with skin.**
H312 **Harmful in contact with skin.**
H315 **Causes skin irritation.**
H318 **Causes serious eye damage.**
H319 **Causes serious eye irritation.**
H331 **Toxic if inhaled.**
H332 **Harmful if inhaled.**
H335 **May cause respiratory irritation.**
H336 **May cause drowsiness or dizziness.**
H351 **Suspected of causing cancer.**
H361d **Suspected of damaging the unborn child.**

H361f	**Suspected of damaging fertility.**
H361fd	**Suspected of damaging fertility. Suspected of damaging the unborn child.**
H370	**Causes damage to organs .**
H373	**May cause damage to organs through prolonged or repeated exposure.**
H400	**Very toxic to aquatic life.**
H410	**Very toxic to aquatic life with long lasting effects.**
H411	**Toxic to aquatic life with long lasting effects.**

Revised with this issue on 15th March 2019
Replacing 17th December, 2014

Legal Disclaimer:
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.