

# SAFETY DATA SHEET



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Compilation date: 17/03/2016  
Revision No: 1

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

### 1.1. Product identifier

Product name: **RUNCOOL PREMIUM**

Product code: **RCSCO**

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

### 1.3. Details of the supplier of the safety data sheet

Company name: **MILO TOOLS LTD**

**UNIT 3 SCANDINAVIA COURT**

**CHAIN BAR ROAD**

**CLECKHEATON**

**WEST YORKSHIRE**

**BD19 3QW**

**United Kingdom**

Tel: 01274 872822

Fax: 0113 8800 541

Email: **sales@milotools.co.uk**

### 1.4. Emergency telephone number

Emergency tel: 01274 872822

(office hours only)

## Section 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319

Most important adverse effects: Causes serious eye irritation.

### 2.2. Label elements

Label elements: This product has no label elements.

Hazard statements: H319: Causes serious eye irritation.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P264: Wash hands thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313: If eye irritation persists: Get medical attention.

### 2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

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## Section 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous ingredients:

#### 2,2'-IMINODIETHANOL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
203-868-0	111-42-2	-	Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit. 2: H315; Eye Dam. 1: H318	1-10%

#### SULFONIC ACIDS, PETROLEUM, SODIUM SALTS

271-781-5	68608-26-4	-	Eye Irrit. 2: H319	1-10%
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#### 2,2'-OXYBISETHANOL

203-872-2	111-46-6	-	Acute Tox. 4: H302	1-10%
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## Section 4: First aid measures

### 4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

Ingestion: If more than a few drops are swallowed give patient water to drink. Do not induce vomiting and seek medical advice.

Inhalation: Not applicable.

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

Skin contact: Occasional contact with undiluted product is unlikely to cause any significant reaction.

Prolonged contact with undiluted product may cause defatting of skin barrier, leading to cracking and soreness.

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: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomizing systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract. Repeated excessive exposure to oil mists may cause respiratory damage and a condition resembling pneumonia.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Not applicable.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray

(fog), foam, dry chemical or CO<sub>2</sub>.

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

Exposure hazards: In combustion emits toxic fumes.

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## 5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained

breathing apparatus. ( SCBA ) with a full face-piece operated in positive pressure mode.

Clothing for fire-fighters ( including helmets, protective boots and gloves ) conforming to

European Standard EN 469 will provide a basic level of protection for chemical

incidents. Promptly isolate the scene by removing all persons from the vicinity of the

incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## 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.

### 6.2. Environmental precautions

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

### 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.

### 6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.

Avoid the formation or spread of mists in the air.

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

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

Specific end use(s): No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Hazardous ingredients:

2,2'-IMINODIETHANOL

Workplace exposure limits:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	13 mg/m <sup>3</sup>	-	-	-

2,2'-OXYBISETHANOL

UK	101	-	-	-
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## DNEL/PNEC Values:

Hazardous ingredients:

2,2'-OXYBISETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Dermal	53/mg/kg/day	Workers	-
DNEL	Inhalation	12/mg/m3	Workers	-
PNEC	Fresh water	10mg/l	-	-
PNEC	Marine water	1 mg/l	-	-
PNEC	Sediment	20.9mg/kg	-	-
PNEC	Soil	1.53 mg/kg	-	-
PNEC	STP	10mg/l	-	-

## 8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing

## Section 9: Physical and chemical properties

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

State: Liquid

Colour: Brown

Odour: Barely perceptible odour

Solubility in water: Miscible

Viscosity: Viscous

Kinematic viscosity: 100-200

Viscosity test method: Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3219)

Boiling point/range°C: >100 Flash point°C: >100

Autoflammability°C: No data available. Relative density: 1.01

pH: 9.0-9.4

### 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

Chemical stability: Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

Conditions to avoid: Heat

### 10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

### 10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

Hazardous ingredients:

#### 2,2'-IMINODIETHANOL

IVN	RAT	LD50	778	mg/kg
ORL	MUS	LD50	3300	mg/kg
ORL	RAT	LD50	620	µl/kg
SCU	RAT	LD50	2200	mg/kg

#### 2,2'-OXYBISETHANOL

ORAL	MUS	FERTILITY	3060	mg/kg
ORAL	RAT	NOAEL	100	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

### Symptoms / routes of exposure

Skin contact: Occasional contact with undiluted product is unlikely to cause any significant reaction.

Prolonged contact with undiluted product may cause defatting of skin barrier, leading to cracking and soreness.

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: The product has a low order of acute oral toxicity; ingestion is not regarded as a significant hazard likely to arise in normal use.

Inhalation: The product is unlikely to present any significant hazard at ambient temperatures. High temperatures or atomizing systems may lead to generation of vapours, mists or fumes which could cause irritation to eyes and respiratory tract. Repeated excessive exposure to oil mists may cause respiratory damage and a condition resembling pneumonia.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

Hazardous ingredients:

#### 2,2'-OXYBISETHANOL

ALGAE	72H IC50	2700	mg/l
Daphnia magna	48H EC50	> 10000	mg/l
FISH (Flat-head Minnow)	96H LC50	75200	mg/l
Micro organisms (Activated Sludge)	EC20 30 mins	> 1995	mg/l

### 12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

### 12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

### 12.4. Mobility in soil

Mobility: Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

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## Section 13: Disposal considerations

### 13.1. Waste treatment methods

Disposal operations: 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.

## Section 14: Transport information

Transport class: This product does not require a classification for transport.

## Section 15: Regulatory information

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

Specific regulations: Not applicable.

### 15.2. Chemical Safety Assessment

## Section 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H302: Harmful if swallowed.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

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.

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