



SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 1

Compilation date: 08/12/2014

Revision date: 06/01/2016

Revision No: 8

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

1.1. Product identifier

Product name: TRI-LOGIC RTD

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

Use of substance / mixture: Lubricant for reaming, tapping and drilling. Additive for water miscible metalworking fluid.

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Lact.: H362; -: EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. May cause harm to breast-fed children. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

H362: May cause harm to breast-fed children.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS09: Environmental



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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 2

Signal words: Warning

Precautionary statements: P201: Obtain special instructions before use.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P263: Avoid contact during pregnancy.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P308+313: IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN - REACH registered number(s): 01-2119519269-33-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
287-477-0	85535-85-9	-	Lact.: H362; Aquatic Chronic 1: H410; Aquatic Acute 1: H400; -: EUH066	70-90%

FATTY ACID ALKANOLAMIDE

202-281-7	93-83-4	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	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. Consult a doctor.

Ingestion: Wash out mouth with water.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

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

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be coughing and a sore throat.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 3

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear 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: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	6.7	Workers	-
DNEL	Dermal (repeated dose)	47.9	Workers	-

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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 4

DNEL	Oral	0.58	Consumers	-
DNEL	Dermal	28.75	Consumers	-
DNEL	Inhalation	2.0	Consumers	-
PNEC	Fresh water	0.001	-	-
PNEC	Marine water	0.2	-	-
PNEC	Microorganisms in sewage treatment	80	-	-
PNEC	Fresh water sediments	5	-	-
PNEC	Marine sediments	1	-	-
PNEC	Soil (agricultural)	10.5	-	-

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not normally required.

Hand protection: Not normally required if used as intended and with care. If contact with hands is anticipated wear nitrile or neoprene gloves. Beware of the hazards of wearing gloves close to rotating machinery.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Brown

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Soluble

Viscosity: Viscous

Flash point°C: > 100

Autoflammability°C: > 200

Relative density: 0.95

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.

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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 5

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

ORAL	RAT	LD50	> 2000	mg/kg
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FATTY ACID ALKANOLAMIDE

DERMAL	RBT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 2000	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be coughing and a sore throat.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

ALGAE	96H ErC50	>3.2	mg/l
Daphnia magna	48H EC50	0.006	mg/l
FISH	96H LC50	>5000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 6

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Non-volatile. Absorbed only slowly 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

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN3082

14.2. UN proper shipping name

Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(C14-C17 CHLORINATED PARAFFIN)

14.3. Transport hazard class(es)

Transport class: 9

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

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

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SAFETY DATA SHEET

TRI-LOGIC RTD

Page: 7

2015/830.

Compiled in accordance with REACH.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H362: May cause harm to breast-fed children.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

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.

