



## SAFETY DATA SHEET

ULTRACUT 320

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Compilation date: 03/12/2014

Revision date: 17/10/19

Revision No: 14

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

#### 1.1. Product identifier

Product name: ULTRACUT 320

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

Use of substance / mixture: 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](mailto: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: Eye Dam. 1: H318; Aquatic Chronic 2: H411; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye damage. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

H318: Causes serious eye damage.

H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms: GHS05: Corrosion

GHS09: Environmental



[cont...]

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**Signal words:** Danger

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352: IF ON SKIN: Wash with plenty of water.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310: Immediately call POISON CENTER/doctor.

P321: Specific treatment (see instructions on this label)

P362+P364: Take off contaminated clothing and wash it before reuse.

## 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:

ALCOHOLS C16-C18, C18-UNSATURATED, ETHOXYLATED (<2,5 EO) - REACH registered number(s): 01-2119489407-26

| EINECS    | CAS        | PBT / WEL | CLP Classification                           | Percent |
|-----------|------------|-----------|--|---------|
| 500-236-9 | 68920-66-1 | -         | Skin Irrit. 2: H315; Aquatic Chronic 2: H411 | 5-10%   |

ALKENYL ALKANOL AMIDE - REACH registered number(s): 01-2119968565-22

|                     |            |   |  |       |
|---------------------|------------|---|--|-------|
| 271-653-9/700-972-2 | 68603-38-3 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Chronic 2: H411 | 5-10% |
|---------------------|------------|---|--|-------|

2,2'-IMINODIETHANOL

|           |          |   |  |       |
|-----------|----------|---|--|-------|
| 203-868-0 | 111-42-2 | - | Acute Tox. 4: H302; STOT RE 2: H373; Skin Irrit. 2: H315; Eye Dam. 1: H318 | 5-10% |
|-----------|----------|---|--|-------|

ALKOXYAMINE - REACH registered number(s): 01-2119488930-28

|           |          |   |  |      |
|-----------|----------|---|--|------|
| 203-868-0 | 111-42-2 | - | Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT RE 2: H373 | 1-5% |
|-----------|----------|---|--|------|

2-(2-BUTOXYETHOXY)ETHANOL.

|           |          |   |                    |      |
|-----------|----------|---|--------------------|------|
| 203-961-6 | 112-34-5 | - | Eye Irrit. 2: H319 | 1-5% |
|-----------|----------|---|--------------------|------|

CARBOXYMETHYLATED POLYGLYCOL ETHER - REACH registered number(s): EXEMPT - POLYMER

|   |            |   |                                       |        |
|---|------------|---|---------------------------------------|--------|
| - | 57635-48-0 | - | Skin Irrit. 2: H315; Eye Dam. 1: H318 | 0.5-1% |
|---|------------|---|---------------------------------------|--------|

[cont...]

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SODIUM PYRITHIONE

|           |           |   |   |       |
|-----------|-----------|---|---|-------|
| 223-296-5 | 3811-73-2 | - | Aquatic Acute 1: H400; Acute Tox. 3: H311; Aquatic Chronic 1: H410; Acute Tox. 4: H302; Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319 | <0.5% |
|-----------|-----------|---|---|-------|

## 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 immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

**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 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.

**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:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

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

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

**Exposure hazards:** In combustion emits toxic fumes.

### 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

[cont...]

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## 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.

**Suitable packaging:** Must only be kept in original packaging.

### 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-BUTOXYETHOXY)ETHANOL.**

**Workplace exposure limits:**

**Respirable dust**

| State | Workplace exposure limits |                         | Respirable dust |              |
|-------|---------------------------|-------------------------|-----------------|--------------|
|       | 8 hour TWA                | 15 min. STEL            | 8 hour TWA      | 15 min. STEL |
| UK    | 67.5 mg/m <sup>3</sup>    | 101.2 mg/m <sup>3</sup> | -               | -            |

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 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.

[cont...]

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

**Skin protection:** Protective clothing.

**Environmental:** No special requirement.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Green-blue

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Soluble

**Viscosity:** Viscous

**Boiling point/range°C:** 100

**Melting point/range°C:** No data available.

**Flammability limits %:** lower: No data available.

**upper:** No data available.

**Flash point°C:** > 100

**Part.coeff. n-octanol/water:** No data available.

**Autoflammability°C:** > 200

**Vapour pressure:** No data available.

**Relative density:** 1

**pH:** No data available.

**VOC g/l:** 0

### 9.2. Other information

**Other information:** Not applicable.

## 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. Strong acids.

### 10.6. Hazardous decomposition products

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

[cont...]

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Hazardous ingredients:

#### ALCOHOLS C16-C18, C18-UNSATURATED, ETHOXYLATED (<2,5 EO)

|      |     |      |        |       |
|------|-----|------|--------|-------|
| ORAL | RAT | LD50 | > 2000 | mg/kg |
|------|-----|------|--------|-------|

#### ALKENYL ALKANOL AMIDE

|        |     |      |       |       |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >2000 | mg/kg |
| ORAL   | RAT | LD50 | >3000 | mg/kg |

#### 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-BUTOXYETHOXY)ETHANOL.

|      |     |      |      |       |
|------|-----|------|------|-------|
| ORAL | MUS | LD50 | 6050 | mg/kg |
| ORAL | RAT | LD50 | 4500 | mg/kg |

#### Relevant hazards for product:

| Hazard                        | Route | Basis                 |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation     | DRM   | Hazardous: calculated |
| Serious eye damage/irritation | OPT   | Hazardous: calculated |

### Symptoms / routes of exposure

**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.

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

**Other information:** Not applicable.

## Section 12: Ecological information

### 12.1. Toxicity

[cont...]

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## Hazardous ingredients:

### ALCOHOLS C16-C18, C18-UNSATURATED, ETHOXYLATED (<2,5 EO)

|      |          |    |      |
|------|----------|----|------|
| FISH | 96H LC50 | >1 | mg/l |
|------|----------|----|------|

### ALKENYL ALKANOL AMIDE

|         |          |      |      |
|---------|----------|------|------|
| DAPHNIA | 48H EC50 | 55   | mg/l |
| FISH    | 96H LC50 | 1460 | 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.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** Not applicable.

**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.  
(ALCOHOLS C16-C18, C18-UNSATURATED, ETHOXYLATED (<2,5 EO); SODIUM PYRITHIONE)

[cont...]

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## 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

Special precautions: No special precautions.

Tunnel code: -

Transport category: 3

## 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

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

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

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

H311: Toxic in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H373: May cause damage to organs ({{{0}}|message=<or state all organs affected, if known>||filter=(\_)?ORGAN\_.+}}}) through prolonged or repeated exposure ({{{1}}|message=<state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>||filter=(\_)?EXP\_ROUTE\_.+}}}).

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.

**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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