



SAFETY DATA SHEET
ULTRACUT EVO 255

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Compilation date: 07/10/2014

Revision date: 05/02/2016

Revision No: 4

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

1.1. Product identifier

Product name: ULTRACUT EVO 255

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

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 Irrit. 2: H319; Skin Irrit. 2: H315

Most important adverse effects: Causes skin irritation. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.

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.

[cont...]

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

P332+313: If skin irritation occurs: Get medical advice/attention.

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

P362: Take off contaminated clothing.

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:

MINERAL OIL (NOTE L <3% DMSO EXTRACTABLE COMPONENTS)

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|------------|--|--------------------|---------|
| 265-155-0 | 64742-52-5 | Substance with a Community workplace exposure limit. | - | 50-70% |

FATTY ACID ALKANOLAMIDE

| | | | | |
|-----------|---------|---|---|-------|
| 202-281-7 | 93-83-4 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |
|-----------|---------|---|---|-------|

BORIC ACID COMPOUND WITH 2,2'-IMINODIETHANOL

| | | | | |
|-----------|------------|---|---|-------|
| 267-886-0 | 67952-33-4 | - | Skin Irrit. 2: H315; Eye Irrit. 2: H319 | 1-10% |
|-----------|------------|---|---|-------|

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

| | | | | |
|-----------|------------|---|--|-------|
| 500-236-9 | 68920-66-1 | - | Skin Irrit. 2: H315; Aquatic Chronic 3: H412 | 1-10% |
|-----------|------------|---|--|-------|

SODIUM PYRITHIONE

| | | | | |
|-----------|-----------|---|---|-----|
| 223-296-5 | 3811-73-2 | - | Acute Tox. 4: H302+312+332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Acute 1: H400; -: EUH070 | <1% |
|-----------|-----------|---|---|-----|

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.

[cont...]

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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.

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

[cont...]

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Hazardous ingredients:

MINERAL OIL (NOTE L <3% DMSO EXTRACTABLE COMPONENTS)

Workplace exposure limits:

Respirable dust

| State | 8 hour TWA | 15 min. STEL | 8 hour TWA | 15 min. STEL |
|-------|------------|--------------|------------|--------------|
| UK | 5mg/m3 | 10mg/m3 | - | - |

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

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: Yellow-brown

Odour: Characteristic odour

Evaporation rate: Negligible

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Viscosity: Viscous

Boiling point/range°C: 100

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.

10.3. Possibility of hazardous reactions

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

[cont...]

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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:

MINERAL OIL (NOTE L <3% DMSO EXTRACTABLE COMPONENTS)

| | | | | |
|--------|-----|------|-------|-------|
| DERMAL | RBT | LD50 | >5000 | mg/kg |
| ORAL | RAT | LD50 | >5000 | mg/kg |

FATTY ACID ALKANOLAMIDE

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

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

| | | | | |
|------|-----|------|--------|-------|
| ORAL | RAT | LD50 | > 2000 | 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 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

[cont...]

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Hazardous ingredients:

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

| | | | |
|------|----------|----------|------|
| FISH | 96H LC50 | 10 - 100 | mg/l |
|------|----------|----------|------|

SODIUM PYRITHIONE

| | | | |
|-------------------------------------|----------|--------|------|
| DAPHNIA | 48H EC50 | 0.022 | mg/l |
| RAINBOW TROUT (Oncorhynchus mykiss) | 96H LC50 | 0.0066 | mg/l |

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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

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

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 2015/830.

Phrases used in s.2 and s.3: EUH070: Toxic by eye contact.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H315: Causes skin irritation.

[cont...]

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H319: Causes serious eye irritation.

H400: Very toxic to aquatic life.

H412: Harmful 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.

