



## SAFETY DATA SHEET

ULTRAFORM 2020

Page: 1

Revision date: 09/11/2016

Revision No: 8

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

#### 1.1. Product identifier

Product name: ULTRAFORM 2020

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

Use of substance / mixture: Metal forming 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: Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Eye Dam. 1: H318; Lact.: H362; -: EUH066

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Causes serious eye damage. 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.

H318: Causes serious eye damage.

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: GHS05: Corrosion

GHS09: Environmental



[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 2

**Signal words:** Danger

**Precautionary statements:** P260: Do not breathe dust/fumes/gas/mist/vapours/spray.  
P263: Avoid contact during pregnancy.  
P264: Wash thoroughly after handling.  
P273: Avoid release to the environment.  
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.  
P308+313: IF exposed or concerned: Get medical advice/attention.  
P310: Immediately call a doctor.  
P391: Collect spillage.  
P501: Dispose of contents/container to local/national regulations.

## 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	20-50%

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

265-155-0	64742-52-5	Substance with a Community workplace exposure limit.	-	20-50%
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SODIUM SULPHONATE (IN MINERAL OIL)

271-781-5	68608-26-4	-	Eye Irrit. 2: H319	2.4-10%
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ETHOXYLATED SYNTHETIC ALCOHOL

500-195-7	68131-39-5	-	Acute Tox. 4: H302; Eye Dam. 1: H318; Aquatic Chronic 3: H412	2.4-10%
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MINERAL OIL ( NOTE L - LESS THAN 3% DMSO EXTRACT)

265-090-8	64741-88-4	Substance with a Community workplace exposure limit.	-	2.4-10%
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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.

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 3

**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:** No symptoms.

**Delayed / immediate effects:** No data available.

## 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 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

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

### 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

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 4

## 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. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

**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:**

**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/m <sup>3</sup>	10mg/m <sup>3</sup>	-	-

**SODIUM SULPHONATE (IN MINERAL OIL)**

UK	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	-	-
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**MINERAL OIL ( NOTE L - LESS THAN 3% DMSO EXTRACT)**

UK	5mg/m <sup>3</sup>	10mg/m <sup>3</sup>	-	-
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### 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	-
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	-	-

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 5

PNEC	Marine sediments	1	-	-
PNEC	Soil (agricultural)	10.5	-	-

## 8.2. Exposure controls

**Engineering measures:** The floor of the storage room must be impermeable to prevent the escape of liquids.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves. Nitrile gloves.

**Eye protection:** Safety glasses.

**Skin protection:** Protective clothing.

**Environmental:** 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

**State:** Liquid

**Colour:** Brown

**Odour:** Characteristic odour

**Evaporation rate:** Negligible

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

**Solubility in water:** Miscible

**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:** No data 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

**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.

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 6

## 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.

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

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

#### ETHOXYLATED SYNTHETIC ALCOHOL

DERMAL	RBT	LD50	> 2000	mg/kg
ORAL	RAT	LD50	> 300 - <=2000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
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:** No symptoms.

**Delayed / immediate effects:** No data available.

## Section 12: Ecological information

### 12.1. Toxicity

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 7

**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:** Not biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** 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:** Toxic to aquatic organisms. Toxic to soil organisms.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

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

**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

[cont...]

# SAFETY DATA SHEET

ULTRAFORM 2020

Page: 8

## 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

## 14.6. Special precautions for user

Special precautions: No special precautions.

## 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:** EUH066: Repeated exposure may cause skin dryness or cracking.

H302: Harmful if swallowed.

H318: Causes serious eye damage.

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.

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.