

## SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

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

#### 1.1 Product identifier

**Product name:** ROTATECH CHAIN SAW OIL

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

**Identified uses:** Lubricant

**Uses advised against:** No uses advised against identified.

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

Manufacturer / Supplier: Rotatech, Unit 12 Parkway  
Close, Sheffield, S9 4WJ

Telephone: +44 (0) 1143 086995

Contact Person: Customer Service Department

E-mail: sales@rotatechproducts.com

Telephone: +44 (0) 1143 086995

**1.4 Emergency telephone number:** UK NHS: Dial 111

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

The product has been classified and labelled as hazardous according to regulation GB-CLP.

##### Classification according to GB-CLP.

##### Health Hazards

Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.
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##### Environmental Hazards

Chronic hazards to the aquatic environment	Category 3	H412: Harmful to aquatic life with long lasting effects.
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##### Hazard summary

**Physical Hazards:** No data available.

#### 2.2 Label Elements

**Contains:** Ca Salicylate

**Product name:** ROTATECH CHAIN SAW OIL



**Signal Words:** Warning

**Hazard Statement(s):** H317: May cause an allergic skin reaction.  
H412: Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

**Prevention:** P273: Avoid release to the environment.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P333+P313: If skin irritation or rash occurs: Get medical advice/attention.

**Disposal:** P501: Dispose of contents/ container to an approved facility in accordance with local, regional, national and international regulations.

**2.3 Other hazards:** By handling of mineral oil products and chemical products no particular hazard is known when normal precautions (item 7) and personal protective equipment (item 8) are kept. The product may not be released into the environment without control.

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**General information:** Mixture containing severely refined base oils and additives.

Chemical name	Identifier	Concentration *	UK-REACH Registration No.	Notes
Calcium long-chain alkylphenate sulfide	EINECS: 272-234-3	1,00% - <5,00%		
Ca Salicylate	EINECS: 281-018-8	1,00% - <5,00%		
Phenol derivative	EINECS: 310-154-3	0,01% - <0,25%		**
Amine aromatic , alkylated	EINECS: 270-128-1	0,10% - <1,00%		

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

PBT: persistent, bioaccumulative and toxic substance.

vPvB: very persistent and very bioaccumulative substance.

\*\* UK-REACH Candidate List of SVHC for authorisation

**Product name:** ROTATECH CHAIN SAW OIL

### Classification

Chemical name	Identifier	Classification
Calcium long-chain alkylphenate sulfide	EINECS: 272-234-3	GBCLP: Aquatic Chronic 4;H413
Ca Salicylate	EINECS: 281-018-8	GBCLP: Skin Sens. 1;H317
Phenol derivative	EINECS: 310-154-3	GBCLP: Skin Corr. 1C;H314, Eye Dam. 1;H318, Repr. 1B;H360F, Aquatic Acute 1;H400, Aquatic Chronic 1;H410; M-Factor (aquatic acute): 10; M-Factor (aquatic chronic): 10
Amine aromatic , alkylated GB-CLP	EINECS: 270-128-1	GBCLP: Repr. 2;H361f, Aquatic Chronic 3;H412

Please note that the mineral oils and petroleum distillates used in our products are severely refined and have a DMSO extract < 3% as measured by method IP 346 and are not classified as carcinogenic according to Note L of Annex VI of Regulation GB-CLP.

## SECTION 4: First aid measures

**General:** Instantly remove any clothing soiled by the product.

### 4.1 Description of first aid measures

**Inhalation:** Supply fresh air; consult doctor in case of symptoms.

**Eye contact:** Promptly wash eyes with plenty of water while lifting the eye lids.

**Skin Contact:** Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

**Ingestion:** Rinse mouth thoroughly.

**4.2 Most important symptoms and effects, both acute and delayed:** Suspected to cause hypersensitivity and allergy.

**4.3 Indication of any immediate medical attention and special treatment needed** Symptoms may be delayed.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing media:** CO<sub>2</sub>, fire extinguishing powder or fog like water spraying. Extinguish larger fires with alcohol resistant foam or spray water with suitable surfactant added

**Unsuitable extinguishing media:** Water with a full water jet.

**Product name:** ROTATECH CHAIN SAW OIL

<b>5.2 Special hazards arising from the substance or mixture:</b>	During fire, gases hazardous to health may be formed.
<b>5.3 Advice for firefighters</b>	
<b>Special fire-fighting procedures:</b>	Move container from fire area if it can be done without risk. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. Collect contaminated fire fighting water separately. It must not enter drains.
<b>Special protective equipment for fire-fighters:</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

#### SECTION 6: Accidental release measures

<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. In case of spills, beware of slippery floors and surfaces.
<b>6.2 Environmental Precautions:</b>	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent from spreading (e.g. by binding or oil barriers). Environmental manager must be informed of all major spillages. Do not allow to enter drainage system, surface or ground water.
<b>6.3 Methods and material for containment and cleaning up:</b>	Absorb with liquid-binding material (sand, diatomite, acidbinders, universal binders, sawdust). Dispose of the material collected according to regulations. Stop the flow of material, if this is without risk.
<b>6.4 Reference to other sections:</b>	See Section 8 of the SDS for Personal Protective Equipment. See Section 7 for information on safe handling See Section 13 for information on disposal.

#### SECTION 7: Handling and storage:

<b>7.1 Precautions for safe handling:</b>	Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when working with the product. Take usual precautions when handling mineral oil products or chemical products. Prevent formation of aerosols. Observe good industrial hygiene practices. Provide adequate ventilation.
<b>7.2 Conditions for safe storage, including any incompatibilities:</b>	Local regulations concerning handling and storage of waterpolluting products have to be followed. Do not heat up to temperatures close to the flash point.
<b>7.3 Specific end use(s):</b>	Not applicable

**Product name:** ROTATECH CHAIN SAW OIL

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

#### Occupational Exposure Limits

None of the components have assigned exposure limits.

### 8.2 Exposure controls

#### Appropriate engineering controls:

Provide adequate ventilation. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

#### Individual protection measures, such as personal protective equipment

##### General information:

Wash hands before breaks and after work. Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. The usual precautionary measures should be adhered to in handling the chemicals or the mineral oil products.

##### Eye/face protection:

Safety glasses (EN 166) recommended during refilling.

##### Skin protection

##### Hand Protection:

Material: Nitrile butyl rubber (NBR).  
Min. Breakthrough time:  $\geq 480$  min  
Recommended thickness of the material:  $\geq 0,38$  mm

Avoid long-term and repeated skin contact. Suitable gloves can be recommended by the glove supplier. Use skin protection cream for preventive skin protection. Protective gloves, where permitted in acc. to safety directions. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Other:

Do not carry cleaning cloths impregnated with the product in trouser pockets. Wear suitable protective clothing.

##### Respiratory Protection:

Ensure good ventilation/exhaustion at the workplace. Avoid breathing vapour/ aerosol.

##### Thermal hazards:

Not known.

##### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

##### Environmental Controls:

No data available.

## SECTION 9: Physical and chemical properties

**Product name:** ROTATECH CHAIN SAW OIL

### 9.1 Information on basic physical and chemical properties

**Appearance**

<b>Physical state:</b>	liquid
<b>Form:</b>	liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Characteristic
<b>pH:</b>	substance/mixture is non-soluble (in water)
<b>Freezing point:</b>	not determined
<b>Boiling Point:</b>	not determined
<b>Flash Point:</b>	> 130 °C
<b>Evaporation Rate:</b>	Not applicable for mixtures
<b>Flammability (solid, gas):</b>	not determined
<b>Flammability Limit - Upper (%)—:</b>	Not applicable for mixtures
<b>Flammability Limit - Lower (%)—:</b>	Not applicable for mixtures
<b>Vapor pressure:</b>	Not applicable for mixtures
<b>Relative vapor density:</b>	Not applicable for mixtures
<b>Density:</b>	0,87 g/cm <sup>3</sup> (15 °C)
<b>Solubility(ies)</b>	
<b>Solubility in Water:</b>	Insoluble in water
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	Not applicable for mixtures
<b>Autoignition Temperature:</b>	not determined
<b>Decomposition Temperature:</b>	not determined
<b>Kinematic viscosity:</b>	100 mm <sup>2</sup> /s (40 °C)
<b>Explosive properties:</b>	Value not relevant for classification
<b>Oxidizing properties:</b>	Value not relevant for classification
<b>Particle characteristics:</b>	Not applicable

### 9.2 Other information

No data available.

## SECTION 10: Stability and reactivity

<b>10.1 Reactivity:</b>	Stable under normal use conditions.
<b>10.2 Chemical Stability:</b>	Stable under normal use conditions.
<b>10.3 Possibility of hazardous reactions:</b>	Stable under normal use conditions.
<b>10.4 Conditions to avoid:</b>	Stable under normal use conditions.
<b>10.5 Incompatible Materials:</b>	Strong oxidizing substances. Strong acids. Strong bases.
<b>10.6 Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

**Product name:** ROTATECH CHAIN SAW OIL

## SECTION 11: Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Ingestion:</b>	No data available.
<b>Skin Contact:</b>	May cause an allergic skin reaction.
<b>Eye contact:</b>	No data available.

### 11.1 Information on toxicological effects

#### Acute toxicity

##### Oral

<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Specified substance(s)</b> Amine aromatic , alkylated	LD 50 (Rat): > 5.000 mg/kg (OECD 401)

##### Dermal

<b>Product:</b>	Not classified for acute toxicity based on available data.
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##### Inhalation

<b>Product:</b>	Not classified for acute toxicity based on available data.
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##### Skin Corrosion/Irritation:

<b>Product:</b>	Based on available data, the classification criteria are not met.
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##### Serious Eye Damage/Eye Irritation:

<b>Product:</b>	Based on available data, the classification criteria are not met.
<b>Specified substance(s)</b> Amine aromatic , alkylated	OECD 405 (Rabbit): Not irritant.

##### Respiratory or Skin Sensitization:

<b>Product:</b>	Skin sensitizer: Based on available data, the classification criteria are met. Respiratory sensitizer: Based on available data, the classification criteria are not met.
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**Specified substance(s)**  
Amine aromatic , alkylated

No sensitizing effect (guinea pig); OECD 406

##### Germ Cell Mutagenicity

<b>Product:</b>	Based on available data, the classification criteria are not met.
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##### Carcinogenicity

<b>Product:</b>	Based on available data, the classification criteria are not met.
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##### Reproductive toxicity

**Product name:** ROTATECH CHAIN SAW OIL

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** Based on available data, the classification criteria are not met.

**Aspiration Hazard**

**Product:** Based on available data, the classification criteria are not met.

**Other adverse effects:** No data available.

**SECTION 12: Ecological information**

**General information:** Not applicable Not applicable

**12.1 Toxicity**

**Acute toxicity**

**Product:** Based on available data, the classification criteria are not met.

**Fish**

**Specified substance(s)**

Phenol derivative LC 50 (Fish, 96 h): 0,14 mg/l

Amine aromatic , alkylated LC 50 (Fish, 96 h): > 100 mg/l (OECD 203)

**Aquatic Invertebrates**

**Specified substance(s)**

Calcium long-chain alkylphenate sulfide EC 50 (Water Flea, 48 h): > 1.000 mg/l (OECD 202)

Phenol derivative EC 50 (Water Flea, 48 h): 0,017 mg/l

Amine aromatic , alkylated EC 50 (Daphnia magna): 51 mg/l (OECD 202)

**Chronic Toxicity**

**Product:** Based on available data, the classification criteria are met.

**Toxicity to Aquatic Plants**

**Specified substance(s)**

Phenol derivative EC 50 (Alga, 72 h): 0,091 mg/l

Amine aromatic , alkylated EC 50 (72 h): > 100 mg/l (OECD 201)

**12.2 Persistence and Degradability**

**Biodegradation**

**Product:** Not applicable for mixtures

**Product name:** ROTATECH CHAIN SAW OIL

**Specified substance(s)**

Amine aromatic , alkylated  
Not readily degradable.

**12.3 Bioaccumulative potential**

**Product:** Not applicable for mixtures

**12.4 Mobility in soil:**

**Product:** Not applicable for mixtures

**12.5 Results of PBT and vPvB assessment:**

The product does not contain any substances fulfilling the PBT/vPvB criteria.

**12.6 Other adverse effects:**

Harmful to aquatic life with long lasting effects.

**Water Hazard Class (WGK):**

WGK 3: severely water-endangering.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**General information:** Dispose in accordance with all applicable regulations.

**Disposal methods:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**List of Waste (LoW) Codes**

13 02 05\*: mineral-based non-chlorinated engine, gear and lubricating oils

**SECTION 14: Transport information**

**ADR/RID**

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|------------------------------------|---------------------|
| 14.1 UN number or ID number:       | —                   |
| 14.2 UN Proper Shipping Name:      | —                   |
| 14.3 Transport Hazard Class(es)    |                     |
| Class:                             | Non-dangerous goods |
| Label(s):                          | —                   |
| Hazard No. (ADR):                  | —                   |
| Tunnel restriction code:           | —                   |
| 14.4 Packing Group:                | —                   |
| 14.5 Environmental hazards:        | —                   |
| 14.6 Special precautions for user: | —                   |

**Product name:** ROTATECH CHAIN SAW OIL

**IMDG**

- 14.1 UN number or ID number: —
- 14.2 UN Proper Shipping Name: —
- 14.3 Transport Hazard Class(es)
  - Class: Non-dangerous goods
  - Label(s): —
  - EmS No.: —
- 14.3 Packing Group: —
- 14.5 Environmental hazards: —
- 14.6 Special precautions for user: —

**IATA**

- 14.1 UN number or ID number: —
- 14.2 Proper Shipping Name: —
- 14.3 Transport Hazard Class(es):
  - Class: Non-dangerous goods
  - Label(s): —
- 14.4 Packing Group: —
- 14.5 Environmental hazards: —
- 14.6 Special precautions for user: —

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code:** Not applicable.

**SECTION 15: Regulatory information**

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

**GB Regulations**

**The Ozone-Depleting Substances and Fluorinated Greenhouse Gases (Amendment etc.) (EU Exit) Regulations 2019:**  
none

**The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020:**  
none

**The Prior Informed Consent (PIC) Regulation**

Regulation Sources	Chemical name
Part 1: Chemicals Subject to Export Notification	Diphenylamine

**15.2 Chemical safety assessment:** No Chemical Safety Assessment has been carried out.

**Product name:** ROTATECH CHAIN SAW OIL

**DIRECTIVE Control of Major Accident Hazards Regulations 2015:**

Hazard category in accordance with GB-CLP	Qualifying quantity for the application of Lower-tier requirements:	Qualifying quantity for the application of Upper-tier requirements:
E1: E1. Hazardous to the aquatic environment	100 t	200 t
H2: H2. Acute toxic		
E2: E2. Hazardous to the aquatic environment		
P5c: P5c. Flammable liquids		
P5a: P5a. Flammable liquids		
P5b: P5b. Flammable liquids		

**SECTION 16: Other information**

**Revision Information:** Vertical lines in the margin indicate an amendment.

**Wording of the H-statements in section 2 and 3**

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H360F	May damage fertility.
H361f	Suspected of damaging fertility.
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.
H413	May cause long lasting harmful effects to aquatic life.

**Other information:** The classification complies with the current GB lists; however, it has been supplemented with expert literature information and information provided by/about our company. The following evaluation methods were used: On the basis of test data; Calculation Method; Bridging Principle "Substantially similar mixtures"; Expert Judgement

**Revision Date:** 27.04.2023

**Product name:** ROTATECH CHAIN SAW OIL

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**Disclaimer:**

The data contained in this safety data sheet are based on our current knowledge and experience and are given to the best of our knowledge and belief. It characterizes the product only with regard to safety requirements for handling, transport and disposal. The data do not describe the product's properties (tech. product specification). Neither should any agreed property nor the suitability of the product for any specific technical application be deduced from the data contained in this safety data sheet. Modifications on this document are not allowed. The data are not transferable to other products. In the case of mixing the product with other products or in the case of processing, the data in this safety data sheet are not necessarily valid for the new-made material. It is the responsibility of the recipient of the product to observe federal, state and local law. Please contact us to obtain up-to-date safety data sheets. This document was issued electronically and has no signature.