

**1. Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name:** CLEAR SILICONE GREASE**Article number:** R230**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of substance / mixture:** PC24: Lubricants, greases, release products.**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:** TYGRIS Industrial  
Unit 31  
Kyle Road Industrial Estate  
Irvine  
Ayshire  
KA12 8LE  
Tel +44 (0) 1294 311 066  
Fax +44 (0) 1294 277 115  
Email [technical@tygrisindustrial.com](mailto:technical@tygrisindustrial.com)**Further information obtainable from:** Technical Department**1.4 Emergency telephone number:** Tel +44 (0) 1294 311 066

## 2. Hazards identification

### 2.1. Classification of the substance or mixture

**Classification under CLP:** Skin Irrit. 2: H315; Aquatic Chronic 3: H412; Flam. Aerosol 1: H222; -: H229

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin irritation. Harmful to aquatic life with long lasting effects.

### 2.2. Label elements

**Hazard statements:**  
 H222: Extremely flammable aerosol.  
 H229: Pressurised container: May burst if heated  
 H315: Causes skin irritation.  
 H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:**  
 GHS02: Flame  
 GHS07: Exclamation mark



**Signal word:** Danger

**Precautionary statements:**  
 P102: Keep out of reach of children.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P211: Do not spray on an open flame or other ignition source.  
 P251: Do not pierce or burn, even after use.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50°C.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

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

## 3. Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-151-9	64742-49-0	-	Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Skin Irrit. 2: H315; STOT SE 3: H336; Asp. Tox. 1: H304	10-30%

WHITE MINERAL OIL (PETROLEUM)

232-455-8	8042-47-5	-	Asp. Tox. 1: H304	10-30%
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## 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. Consult a doctor.
- Ingestion:** Wash out mouth with water. Consult a doctor.
- Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor. Move the exposed person to fresh air.

### 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 irritation and redness. The eyes may water profusely.
- Ingestion:** There may be soreness and redness of the mouth and throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
- 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.

## 5. Firefighting 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.

## 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. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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.

## 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. Do not handle in a confined space. 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.

## 8. Exposure controls/personal protection

### 8.1. Control parameters

**Hazardous ingredients:**

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

**Workplace exposure limits:**

**Respirable dust:**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000mg/m <sup>3</sup>	-	-	-

### DNEL/PNEC Values

**Hazardous ingredients:**

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

Type	Exposure	Value	Population	Effect
DNEL	Dermal	773 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2035 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	699 mg/kg/day	Consumers	Systemic
DNEL	Inhalation	608 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Oral	699 mg/kg/day	Consumers	Systemic

### 8.2. Exposure controls

<b>Engineering measures:</b>	Ensure there is sufficient ventilation of the area.
<b>Respiratory equipment:</b>	Self-contained breathing apparatus must be available in case of emergency.
<b>Hand protection:</b>	Protective gloves. Chemically resistant gloves.
<b>Eye protection:</b>	Safety glasses. Ensure eye bath is to hand.
<b>Skin protection:</b>	Protective clothing.
<b>Environmental:</b>	Not applicable.

## 9. Physical and chemical properties

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

<b>State:</b>	Aerosol
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic odour
<b>Solubility in water:</b>	Not miscible
<b>Also soluble in:</b>	Most organic solvents
<b>Flash point°C:</b>	-60
<b>Relative density:</b>	0.83

### 9.2. Other information

<b>Other information:</b>	No data available.
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## 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.

## 11. Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

DERMAL	RAT	LD50	>2000	mg/kg
GASES	RAT	4H LC50	>20	mg/l
ORAL	RAT	LD50	>2000	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

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

**Other information:** Not applicable.

## 12. Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

NAPHTHA (PETROLEUM) HYDROTREATED, LIGHT, LOW BOILING POINT

ALGAE	72H IC50	<10	mg/l
DAPHNIA	48H EC50	<10	mg/l
FISH	96H LC50	<10	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.

## 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:** Not applicable.

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

## 14. Transport information

### 14.1. UN number

UN number: UN1950

### 14.2. UN proper shipping name

Shipping name: AEROSOLS

### 14.3. Transport hazard class(es)

Transport class: 2

### 14.4. Packing group

### 14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

### 14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D

Transport category: 2

## 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.

## 16. 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:** H222: Extremely flammable aerosol.  
H225: Highly flammable liquid and vapour.  
H229: Pressurised container: May burst if heated.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H336: May cause drowsiness or dizziness.  
H411: 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.