



## SAFETY DATA SHEET

B30 TRANSFORMER OIL

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Compilation date: 28/07/2008

Revision date: 16/05/2017

Revision No: 1c

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

#### 1.1. Product identifier

**Product name:** B30 TRANSFORMER OIL

**Product code:** 5102

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

**Use of substance / mixture:** Transformer oil

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

**Company name:** Millers Oils Ltd  
Hillside Oilworks  
Rastrick Common  
Brighouse  
West Yorkshire  
HD6 3DP  
United Kingdom

**Tel:** +44 (0)1484 713201

**Fax:** +44 (0)1484 721263

**Email:** [h.s@millersoils.co.uk](mailto:h.s@millersoils.co.uk)

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0)1484 713201

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification under CLP:** Asp. Tox. 1: H304

**Most important adverse effects:** May be fatal if swallowed and enters airways.

#### 2.2. Label elements

**Label elements:**

**Hazard statements:** H304: May be fatal if swallowed and enters airways.

**Signal words:** Danger

**Hazard pictograms:** GHS08: Health hazard



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**Precautionary statements:** P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.

P331: Do NOT induce vomiting.

P405: Store locked up.

P501: Dispose of contents/container to hazardous or special waste collection point.

### 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:

DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC - REACH registered number(s): 01-2119480375-34-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-156-6	64742-53-6	-	Asp. Tox. 1: H304	30-50%

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT PARAFFINIC - REACH registered number(s): 01-2119487077-29-XXXX

265-158-7	64742-55-8	-	Asp. Tox. 1: H304	10-30%
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LUBRICATING OILS (PETROLEUM), C15-30, HYDROTREATED NEUTRAL OIL-BASED - REACH registered number (s): 2119474878-16-XXXX

276-737-9	72623-86-0	-	Asp. Tox. 1: H304	10-30%
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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. Remove all contaminated clothes and footwear immediately unless stuck to skin.

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove contact lenses, if present and easy to do.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. 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 mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Inhalation of vapours may cause irritation of nose, throat and airway.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** In all cases of doubt, or when symptoms persist, seek medical attention.

[cont...]

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## 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. Do not use water jet.

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

### 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.

### 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. Avoid breathing vapour or mist. Wash thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

[cont...]

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## 8.2. Exposure controls

**Respiratory protection:** Under normal use conditions, respirator is not usually required.

**Hand protection:** Nitrile gloves.

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

## Section 9: Physical and chemical properties

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

**State:** Liquid

**Colour:** Light Yellow

**Odour:** Odourless

**Evaporation rate:** Negligible

**Oxidising:** No data available.

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Viscosity:** Non-viscous

**Kinematic viscosity:** 9.5 cSt

**Viscosity test method:** Kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Boiling point/range°C:** >250

**Melting point/range°C:** -51

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

**upper:** No data available.

**Flash point°C:** >140

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

**Autoflammability°C:** >270

**Vapour pressure:** 160 Pa@100oC

**Relative density:** 0.88

**pH:** No data available.

**VOC g/l:** No data available.

### 9.2. Other information

**Other information:** IP346 - DMSO extract < 3%

## 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.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat.

[cont...]

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## 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents.

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

#### DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

**Relevant hazards for substance:**

Hazard	Route	Basis
Aspiration hazard	-	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 soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Inhalation of vapours may cause irritation of nose, throat and airway.

## Section 12: Ecological information

### 12.1. Toxicity

**Hazardous ingredients:**

#### DISTILLATES (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

ALGAE	48H EC50	>100	mg/l
FISH	96H LC50	>100	mg/l

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

[cont...]

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

**Disposal of packaging:** Arrange for collection by specialised disposal company.

**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

**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 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Phrases used in s.2 and s.3:** H304: May be fatal if swallowed and enters airways.

**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.