

SAFETY DATA SHEET

THORCAST MOULD OIL

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Compilation date: 27/05/2015

Revision No: 1

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

1.1. Product identifier

Product name: THORCAST

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

Company name: NORSEKEM LTD
UNIT 6c STOKES FARM
BINFIELD ROAD
WOKINGHAM
BERKSHIRE
RG40 5PR

Email: safety@norsekem.co.uk

1.4. Emergency telephone number

Emergency tel: 01189 899729

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



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.

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Section 3: Composition/information on ingredients**3.2. Mixtures****Hazardous ingredients:**

DISTILLATES (PETROLEUM), HYDROTREATED LIGHT

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-149-8	64742-47-8	-	Asp. Tox. 1: H304	70-90%

BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC

265-156-6	64742-53-6	-	-	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.**Eye contact:** Bathe the eye with running water for 15 minutes.**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.**4.2. Most important symptoms and effects, both acute and delayed****Skin contact:** Repeated exposure may cause skin dryness or cracking.**Eye contact:** There may be irritation and redness.**Ingestion:** Harmful if swallowed. Risk of severe pulmonary problems in case of accidental aspiration.**Inhalation:** Vapour may irritate respiratory system or lungs. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Central nervous system depression.**4.3. Indication of any immediate medical attention and special treatment needed****Immediate / special treatment:** Treat symptomatically.**Section 5: Fire-fighting measures****5.1. Extinguishing media****Extinguishing media:** Foam. Carbon dioxide. Dry chemical powder. Water fog. DO NOT USE WATER JET.**5.2. Special hazards arising from the substance or mixture****Exposure hazards:** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

[cont...]

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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. 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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. 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.

Suitable packaging: Steel drums.

7.3. Specific end use(s)

Specific end use(s): Storage tanks must be positioned within a bunded area.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	Workplace exposure limits:		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1200 mg/m ³	-	-	-

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

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Respiratory protection: If ventilation is insufficient, suitable respiratory protection must be provided. At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Check that mask fits tight and change filter regularly.

Hand protection: Use suitable protective gloves if risk of skin contact. Gloves are recommended for prolonged use. Manufactured/tested in accordance with EN 374. Aliphatic hydrocarbon resistant gloves.

Eye protection: Wear splash-proof eye goggles to prevent any possibility of eye contact. Manufactured/Tested in accordance with EN 166.

Skin protection: Protective clothing.

Environmental: Do not allow to escape into waterways, waste water or soil.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale yellow

Odour: Characteristic odour

Viscosity: Non-viscous

Kinematic viscosity: 5.0

Viscosity test method: ASTM D445 @40C

Flash point°C: 60 - 93

Relative density: 0.858

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Not applicable.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Aldehydes.

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Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
DERMAL	RAT	LD50	>5000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg
VAPOURS	RAT	4H LC50	>5000	mg/l

Relevant hazards for substance:

Hazard	Route	Basis
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Repeated exposure may cause skin dryness or cracking.

Eye contact: There may be irritation and redness.

Ingestion: Harmful if swallowed. Risk of severe pulmonary problems in case of accidental aspiration.

Inhalation: Vapour may irritate respiratory system or lungs. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Central nervous system depression.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values:

Species	Test	Value	Units
Daphnia magna	72H IC50	1000	mg/l
FISH	96H LC50	1000	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	48H EC50	250	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: The product has a potential to bioaccumulate.

12.4. Mobility in soil

Mobility: Substance is a UVCB. Standard tests for this endpoint are not applicable.

12.5. Results of PBT and vPvB assessment

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

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12.6. Other adverse effects

Other adverse effects: Not applicable.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and 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

Specific regulations: Not applicable.

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 453/2010.

* indicates text in the SDS which has changed since the last revision.

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.