

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

1.1 Product identifier

Product name: Synthetic High Temp 2

Other identification:

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

Lubricant

1.3 Details of the supplier of the safety data sheet

SwanTek

Mintsfeet Road South, Kendal, LA9 6ND, UK

Tel: +44 (0)1539 722247 Email: service@swantek.com Web: www.swantek.com

1.4 Emergency telephone number

As per section 1.3

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Not classified as hazardous under CLP.

2.2 Label elements

Hazard pictograms: (none)

(none)

(none)

(none)

Signal word: (none)

Hazard statements: None

Precautionary statements: None

Other label elements: None

2.3 Other hazards

None

Section 3: Composition / information on ingredients

3.1 Substances

3.2 Mixtures

Blend of oils with multifunctional additives.

Oil contains less than 3% DMSO extract as measured by IP 346.

Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

Content: < 2%

CAS/EC: 85940-28-9

REACH: 01-211952121-61

Skin Irrit. 2, H315

Eye Irrit. 2, H319

Aquatic Chronic 2, H411

Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Content: < 2%

CAS/EC: 68411-46-1

REACH: 01-2119491299-23

Aquatic Chronic 3, H412

Section 4: First aid measures

4.1 Description of first aid measures

General:

Inhalation:

Ingestion: Do not induce vomiting. Obtain medical attention.

Skin: Wash skin with soap and water. If grease has been injected under the skin, seek medical advice immediately.

Eye: Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

4.2 Most important symptoms and effects, both acute and delayed

General: No ill effects.

Inhalation:

Ingestion:

Skin:

Eye:

4.3 Indication of any immediate medical attention and special treatment needed

Eye Contact: Immediately wash out with plenty of water.

Section 5: Firefighting measures

5.1 Extinguishing media

Use water spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.

5.2 Special hazards arising from the substance or mixture

This product may give rise to hazardous fumes in a fire.

5.3 Advice for firefighters

Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for personal protection details.

6.2 Environmental precautions

Do not pour grease directly into the main drains or water course.

6.3 Methods and material for containment and cleaning up

Transfer into suitable containers for recovery or disposal.

6.4 Reference to other sections

Section 7: Handling and storage

7.1 Precautions for safe handling

Avoid direct contact with the substance.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool well ventilated area.

7.3 Specific end use(s)

Industrial lubricant.

Section 8: Exposure controls / personal protection

8.1 Control parameters

8.2 Exposure controls

HAND PROTECTION: PVC gloves.

EYE PROTECTION: Wear approved safety goggles.

BODY PROTECTION: Normal work wear.

RESPIRATORY PROTECTION: Not normally required.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Note: This information represents typical data and is not a specification.

PHYSICAL STATE	Smooth grease
COLOUR	Light brown
ODOUR	Odourless
PH	Neutral
MELTING POINT (°C)	> 200
FLASH POINT (PMCC) (°C)	> 200
FLAMMABILITY	> 200
RELATIVE DENSITY (kg/L)	0.82 - 0.85
SOLUBILITY IN OIL	Soluble
SOLUBILITY IN WATER	Insoluble
AUTO IGNITION TEMPERATURE (°C)	> 200

9.2 Other information

Section 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None known.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

Combustion will generate: smoke, carbon dioxide and carbon monoxide.

Section 11: Toxicological information

11.1 Information on toxicological effects

ACUTE TOXICITY: No toxic components.

CORROSIVITY/IRRITATION: Non irritating to skin/eye/respiratory tract.

SENSITISATION: No evidence of sensitisation.

REPEAT DOSE TOXICITY: No evidence.

MUTAGENICITY: No evidence.

CARCINOGENICITY: No evidence.

REPRODUCTIVE TOXICITY: No evidence.

Section 12: Ecological information

12.1 Toxicity

Not classified.

12.2 Persistence and degradability

Only slightly biodegradable.

12.3 Bioaccumulative potential

Product is not expected to bio-accumulate.

12.4 Mobility in soil

Non volatile. The product is poorly absorbed onto soils or sediments.

12.5 Results of PBT and vPvB assessment

Not present.

12.6 Other adverse effects

Section 13: Disposal considerations

13.1 Waste treatment methods

Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations. Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

Section 14: Transport information

General

Not classified as hazardous for transport under ADR/RID/IMDG/IATA.

14.1 UN Number

14.2 UN proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code

Section 15: Regulatory information

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

Supply regulations: classified as non-hazardous under CLP criteria.

Transport regulations: classified as non-hazardous under ADR/RID/IMDG/ICAO/IATA.

15.2 Chemical safety assessment

Section 16: Other information

The responsibility to ensure safe working conditions within the workplace remains with the user. The information on this SDS is given as a guide to the precautions required to maintain a safe work environment. This product is for professional use only. Not for sale or resale to the general public. Use in applications other than those described above may give rise to risks not covered by the information on this SDS. The physical and chemical properties on this SDS are typical properties and are not a specification. Please report any errors.