

TURBINE OIL

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EC) No. 453/2010

According to OSHA Hazard Communication Standard, 29 CFR

Date of issue: 5-12-2015 Revision date: 10-20-2020 :

Version: 8.0

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

1.1. Product identifier

Product form : Mixture
Product name : TURBINE OIL
Product code : 001A9783

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

1.2.1. Relevant identified uses

: Laboratory Test Sample

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Clark Laboratories
1801 Route 51 South
Jefferson Hills, PA 15025
412-387-1001

1.4. Emergency telephone number

Transportation Emergency Response

Chemtrec- 24 hour emergency response: (800)424-9300

International Collect: +1 703 741 5970

SDS Assistance Email: sds@clarktesting.com

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

This material is not considered to be hazardous according to regulatory guidelines

2.2. Label elements

Under the criteria of Directive 1999/45/EC (dangerous preparations): Not classified

SECTION 3: Composition/information on ingredients

3.1. Substance

Mixture

3.2. Mixture (Hazardous Components)

Chemical Name	CAS NUMBER	EC Number	Concentration (% w/w)
(4-nonylphenoxy) acetic acid	3115-49-9	221-486-2	0.01 – 0.09
N-phenyl-1-naphthylamine	90-30-2	201-983-0	0.1 – 0.24
Interchangeable low viscosity base oil	Not assigned	Not assigned	0 - 90

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow breathing of fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand. Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting equipment, including respiratory protection. : Do not enter fire area without proper protective

[Type text]

NFPA Hazard ID	Health: 0	Flammability: 1	Reactivity:
0			
HMIS Hazard ID:	Health: 0	Flammability: 1	Reactivity:
0			

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip
cleanup crew with proper protection. Emergency procedures
: Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay
or diatomaceous earth as soon as possible. Collect spillage.
Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with
mild soap and water before eating, drinking or smoking and
when leaving work. Provide good ventilation in process area
to prevent formation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool,
well ventilated place away from : Direct sunlight., Heat
sources. Keep container closed when not in use.

Incompatible products :
Strong bases. Strong acids. Incompatible materials
: Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Highly Refined Mineral oil		
EU	IOELV TWA (mg/m ³)	5 mg/m ³
Belgium	Limit value (mg/m ³)	5 mg/m ³

USA - ACGIH	ACGIH TWA (mg/m ³)	5 mg/m ³
USA - ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³

8.2. Exposure controls

Personal protective equipment : Insulated gloves. Safety glasses.

Protective clothing. Avoid all unnecessary exposure. Hand protection

: Wear protective gloves

Eye protection : Chemical goggles or safety glasses

Skin and body protection : Wear suitable protective clothing

Respiratory protection : Wear appropriate mask



Other information : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Liquid Color: Colorless to

pale amber

Odour: Petroleum Odor

Odour threshold: No data available PH:

N/A Melting point: N/A

Freezing Point: N/A

Boiling point : > 280°C (536°F)

Flashpoint: Method: ISO 3016 - >=220°C / >=428°F

data available Decomposition temperature

: No data available Flammability (solid, gas)

: Non flammable.

Vapour pressure

: No data available Relative vapour density

at 20 °C : No data available

Relative density

: No data available

Density

: 0.86 kg/l @ 15.6 celcius (60.1 Farenheit)

Minimum

Solubility : insoluble in water.

Log Pow

: No data available Viscosity, kinematic

: 68 mm²/s Viscosity, dynamic

: No data available Explosive properties

[Type text]

- : No data available Oxidising properties
- : No data available Explosive limits
- : No data available

9.2. Other information

No additional information available

SECTSECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Not classified as hazardous

SECTSECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Highly refined mineral oil	
LD50 oral (rat)	> 5000 mg/kg
LD50 dermal (rabbit)	> 2000 mg/kg

Skin corrosion/irritation : Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

Based on available data, the classification criteria are not met

Respiratory or skin sensitisation : Not classified

Based on available data, the classification criteria are not met

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified

Based on available data, the classification criteria are not met

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : Not classified

SECTSECTION 12: Ecological information

12.1. Toxicity

[Type text]

This product is not expected to be harmful to aquatic organisms.

12.2. Persistence and degradability

8

This product is not expected to be harmful to aquatic organisms.

12.3. Bioaccumulative potential
No data available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Ecology - waste materials
: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport

14.2. UN proper shipping name

Proper Shipping Name (ADR)

: Not Applicable Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA)

: Not applicable Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID)

: Not applicable

14.3. Transport hazard class(es) ADR

Transport hazard class(es) (ADR)
: Not applicable

**IM
D
G**

[Type text]

Transport hazard class(es) (IMDG)
: Not applicable

**IA
T
A**

Transport hazard class(es) (IATA)
: Not applicable

**A
D
N**

Transport hazard class(es) (ADN)
: Not applicable

**R
I
D**

Transport hazard class(es) (RID)
: Not applicable

14.4.

Packing group

Packing group (ADR) :

Not applicable Packing group (IMDG)

: Not applicable Packing group (IATA)

: Not applicable Packing group (ADN)

: Not applicable Packing group (RID)

: Not applicable

14.5.

Environmental hazards

Dangerous for the environment
: No

Marine pollutant
: No

Other information supplementary information available : No

14.6. Special precautions for user

- Overland transport

No data available

- Transport by sea

No data available

- Air transport

No data available

- Inland waterway transport

[Type text]

No data available

- Rail transport

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

Section 15 Regulatory Information

SECTISecsECTIODssss: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

SECSection 16: Other information

References:

29 CFR 1910.1200 (2012)

EU Regulation 1907/2006

NOTICE: The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. Adequate training and instruction should be given by you to your employees and affected personnel. Appropriate warnings and safe handling procedures should be provided by you to handlers and users. Additionally, the user should review this information, satisfy itself as to its suitability and completeness, and pass on the information to its employees or customers in accordance with the applicable federal, state, provincial or local hazard communication requirements. This SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the fitness for use of the material, or the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, vendor neither assumes nor retains any responsibility for any damage or injury resulting from abnormal use, from any failure to adhere to appropriate practices, or from any hazards inherent in the nature of the material. Moreover, unless an employee or a customer accesses or receives a SDS directly from the company, there is no assurance that a document obtained from alternate sources is the most currently available SDS. The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

Completed by Clark PTP Staff

No Annex