

NAVAC Inc.

## SAFETY DATA SHEET

### Lubricating oil

#### SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Lubricating oil  
**Company:** NAVAC Inc  
**Address:** 1099 Wall Street West, Suite 179 Lyndhurst, NJ 07071  
**Email:** info@navacglobal.com  
**Fax:** +1 877 MY-NAVAC  
**Emergency Phone:** +1 877 696 2822  
**SDS Number:** 2618090114  
**SDS Date:** 2021-01-01

#### SECTION 2 HAZARDS IDENTIFICATION

**GHS Classification:**

**Physical Hazards:**  
Not classified.

**Health Hazards:**  
Reproductive toxicity (Category 2)  
Specific target organ toxicity - single exposure (Category 1) (Nervous system)  
Specific target organ toxicity - repeated exposure (Category 2) (Lung, Liver)

**Environmental Hazards:**  
Acute aquatic toxicity (Category 3)  
Chronic aquatic toxicity (Category 3)

The hazards not mentioned are not applicable or no data available.

**Label Elements:**

**Pictogram:**





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Signal Word:  
Danger

**Hazard Statements:**

Suspected of damaging fertility or the unborn child.  
Causes damage to organs: Nervous system.  
May cause damage to organs through prolonged or repeated exposure: Lung, Liver.  
Harmful to aquatic life with long lasting effects.

**Prevention Precautionary Statements:**

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.  
Do not breathe dust/fume/gas/mist/ vapours/spray.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.

**Response Precautionary Statements:**

IF exposed or concerned: Get medical advice/attention.

**Storage Precautionary Statements:**

Store locked up.

**Disposal Precautionary Statements:**

Dispose of contents/container in accordance with local / regional / national / international regulation.

**SECTION3 INFORMATION ON INGREDIENTS**

Product name: Lubricating oil

Ingredient	Concentration	CAS No.	EC No.
Paraffin base oil	98%	8042-47-5	232-455-8
Antioxidant	2%	128-37-0	204-881-4

**SECTION4 FIRST-AID MEASURES**

**Skin Exposure:**

In case of skin contact, flush with copious amounts of water. If irritation persists, Call a physician.

**Eye Exposure:**

In case of contact with eyes, immediately flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, Call a physician.

**Inhalation Exposure:**

If inhaled, immediately remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician.

**Oral Exposure:**

If swallowed, wash out mouth with water provided person is conscious. Call a physician.

Most important symptoms and effects, both acute and delayed:

No data available.

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Indication of any immediate medical attention and special treatment needed:

No data available.

### SECTIONS FIRE FIGHTING MEASURES

**Extinguishing Media:**

Suitable: Dry chemical, Water spray, Carbon dioxide or appropriate foam.

**Special hazards arising from the substance or mixture:**

Take care as it may decompose upon combustion or in high temperatures to generate carbon oxides.

**Advice for firefighters:**

**Protective Equipment:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Fire-extinguishing work is done from the windward. Uninvolved persons should evacuate to a safe place.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment. Keep people away from and upwind of spill/leak. Ensure adequate ventilation. Avoid breathing vapors, mist or gas. Entry to noninvolved personnel should be controlled around the leakage area by roping off, etc.

**Environmental precautions:**

Prevent further leakage or spillage if safe to do so. Avoid entering drains. Avoid release to the environment.

**Methods and materials for containment and cleaning up:**

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete. Avoid raising dust.

### SECTION 7 HANDLING AND STORAGE

**Precautions for safe handling:**

Wear appropriate protective clothing and safety gloves. Avoid inhalation of vapor or mist. Avoid contact with eyes, skin and clothing. Mechanical exhaust required. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents. Wash hands and face thoroughly after handling. No smoking at working site.

**Conditions for safe storage, including any incompatibilities:**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Keep away from ignition sources, heat and flame. Incompatibilities: Strong oxidizing agents.

### SECTION 8 EXPOSURE CONTROL/PPE

**Control parameters:**

**Antioxidant:**

ACGIH (2013) TLV-TWA 2mg/m<sup>3</sup> (Inhalable particles)

**Appropriate engineering controls:**

Mechanical exhaust required. Safety shower and eye bath.

**Personal Protective Equipment:**

**Respiratory:** Wear government approved respirator.

**Eye:** Wear chemical safety glasses.

**Clothing:** Wear appropriate protective clothing.

**Hand:** Wear compatible protective gloves.

**Other Protect:**

No smoking, drinking and eating at working site. Wash thoroughly after handling.

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## SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

**Appearance:** Colorless liquid  
**Odor:** Weak odor  
**Odor Threshold:** No data available  
**pH Value:** 5-6  
**Solubility(ies):** Slightly soluble in water  
**Melting Point/  
Freezing Point:** No data available  
**Boiling Point,  
Initial Boiling  
Point and Boiling  
Range:** No data available  
**Flash Point** >96°C  
**(Closed Cup):**  
**Density/Relative** No data available  
**Density:**  
**Viscosity:** 43.89 mm<sup>2</sup>/s (Kinematic viscosity: 40°C)  
**Upper/Lower** No data available  
**Flammability or**  
**Explosive Limits:**  
**Vapor Pressure:** No data available  
**Vapor Density:** No data available  
**n-Octanol/Water** No data available  
**Partition**  
**Coefficient:**  
**Autoignition** No data available  
**Temperature:**  
**Decomposition** No data available  
**Temperature:**  
**Evaporation Rate:** No data available  
**Flammability** Not applicable  
**(Solid, Gas):**

## SECTION 10 STABILITY AND REACTIVITY

**Reactivity:**  
No data available.  
**Chemical stability:**  
Stable under recommended conditions.  
**Possibility of hazardous reactions:**  
No data available.  
**Conditions to avoid:**  
No data available.  
**Incompatible materials:**  
Strong oxidizing agents.  
**Hazardous Decomposition Products:**  
Carbon oxides.

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## SECTION11 TOXICOLOGICAL INFORMATION

### Acute toxicity:

Paraffin base oil:

Rat Oral LD<sub>50</sub>: >5000 mg/kg (OECD Test Guideline 401) Rat Inhalation LC<sub>50</sub>: > 5 mg/l/4h (OECD Test Guideline 403)

Antioxidant: Rat Oral LD<sub>50</sub>: 890 mg/kg

### Skin corrosion/irritation:

No data available.

### Serious eye damage/irritation:

No data available.

### Respiratory sensitization:

No data available.

### Skin sensitization:

No data available.

### Germ cell mutagenicity:

No data available.

### Carcinogenicity:

No data available.

### Reproductive toxicity:

Suspected of damaging fertility or the unborn child.

### Specific target organ toxicity - single exposure:

Causes damage to organs: Nervous system.

### Specific target organ toxicity - repeated exposure:

May cause damage to organs through prolonged or repeated exposure: Lung, Liver.

### Aspiration hazard:

No data available.

## SECTION12 ECOLOGICAL INFORMATION

### Ecotoxicity:

Paraffin base oil:

Toxicity to fish static test LC<sub>50</sub> - *Oncorhynchus mykiss* (rainbow trout) - > 100 mg/l - 96 h (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates static test LC<sub>50</sub> - *Daphnia magna* (Water flea) - > 100 mg/l - 48 h (OECD Test Guideline 202)

Antioxidant:

Toxicity to fish LC<sub>50</sub> - *Oryzias latipes* - 5.3 mg/l - 48 h

Toxicity to daphnia and other aquatic invertebrates static test EC<sub>50</sub> - *Daphnia magna* (Water flea) - 0.48 mg/l - 48 h (OECD Test Guideline 202)

### Persistence and degradability:

No data available.

### Bioaccumulative potential:

No data available.

### Mobility in soil:

No data available.

### Other adverse effects:

No data available.

## SECTION13 DISPOSAL CONSIDERATION

### Appropriate Method of Disposal of Substance:

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Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and afterburner and scrubber. Observe all federal, state, and local environmental regulations.

## SECTION14 TRANSPORT INFORMATION

**RID/ADR:** Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.  
**IATA:** Non-Hazardous for Air Transport: Non-hazardous for air transport.  
**IMO/IMDG:** Not regulated

## SECTION15 REGULATORY INFORMATION

Regulation(EC) No 1272/2008 and amendments:

Reproductive toxicity (Category 2)

Specific target organ toxicity - single exposure (Category 1) (Nervous system)

Specific target organ toxicity - repeated exposure (Category 2) (Lung, Liver) Chronic aquatic toxicity (Category 3)

