

# ThredOn 306 Heavy DC Safety Data Sheet

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### Identification of the substance or mixture

**Product Name:** ThredOn 306 Heavy DC  
**Product Use:** Thread compound, lubricant  
**Manufacturer:** South Coast Products  
20 Southbelt Industrial Dr  
Houston, TX 77047 USA  
**Emergency telephone number:** +1 813 248 0585, 24 hours  
Refer to code 0306

**E-mail address for questions regarding this SDS:** [sharons@socousa.com](mailto:sharons@socousa.com)

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

#### GHS Classification

Acute oral toxicity	Category 4
Acute inhalation toxicity – dust-mist	Category 4
Reproductive toxicity	Category 1A
Specific target organ systemic toxicity (repeated exposure)	Category 1
Acute aquatic toxicity	Category 1
Chronic aquatic toxicity	Category 1

#### GHS label elements



#### **Signal Word:**

Danger

#### **Hazard statements:**

H302 – Harmful if swallowed

H332 – Harmful if inhaled

H360Df – May damage the unborn child. Suspected of damaging fertility.

H372 – Causes damage to organs through prolonged or repeated exposure

H410 – Very toxic to aquatic life with long lasting effects

#### **Precautionary statements:**

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- P201 – Obtain special instructions before use
- P264 – Wash hands thoroughly after handling
- P270 – Do not eat, drink or smoke when using this product
- P271 – Use only outdoors in a well-ventilated area
- P273 – Avoid release to the environment
- P281 – Use personal protective equipment as required
- P308+P313 – If exposed or concerned: Get medical attention
- P405 – Store locked up

### Classification (EU Directives 1999/45/EC or 67/548/EEC)

Repr. Cat. 1; R61 – Repr. Cat. 3; R62 – Xn; R20/22 - R33 – N; R50/53

**Other hazards:** High pressure injection under skin is a medical emergency.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	EC no.	CAS no.	Weight %	Classification (67/548/EEC)	Classification (1272/2008/EC)
Lead	231-100-4	7439-92-1	55-65	Xn; R20/22 – R33 N; R50/53 Repr. Cat. 1; R61 Repr. Cat. 1; R62	Acute Tox. 4 H302 Repr. 1A H360Df STOT RE 1 H372 Acute Tox. 4 H332 Aquatic Acute 1 H400 Aquatic Chronic 1 H410

Full text of R and H statements used in this section are in Section 16.

### 4. FIRST AID MEASURES

- General:** If exposed or concerned, get medical attention or advice.
- Inhalation:** Move exposed person to fresh air. Get medical attention if symptoms occur. No symptoms expected.
- Ingestion:** Wash out mouth with water. Do not induce vomiting unless instructed to by medical personnel. Get medical attention if nausea or stomach pains occur.
- Skin contact:** Remove contaminated clothing and shoes. Wash skin with soap and water. Get medical attention if irritation symptoms occur. High pressure injection under skin is a medical emergency.
- Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 5 minutes, keeping eyelids open. Get medical attention if redness or irritation persists.

### 5. FIRE-FIGHTING MEASURES

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**Suitable media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Not suitable:** Do not use water jet.  
**Combustion products:** Carbon monoxide, carbon dioxide, products of incomplete hydrocarbon combustion, lead oxides, zinc oxides.  
**Special protective equipment for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Wear appropriate personal protection equipment (see section 8).  
**Environmental precautions:** Recover free product. Use suitable oil adsorbent and dispose of material in accordance with all regulations. Keep product out of sewers and watercourses, prevent soil penetration. Advise authorities if large amounts of product enters waterways or extensive land areas.

### 7. HANDLING AND STORAGE

**Handling:** Wear appropriate personal protection equipment (see section 8). Do not eat, drink or smoke when using. Wash thoroughly after handling. Follow good hygiene and housekeeping practices.  
**Storage:** Store in cool dry area in original or equivalent container in accordance with all regulations. Do not expose to extreme heat or flame. Store below 65°C, away from strong oxidizers and acids.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:**

Chemical name	CAS no.	Control parameter	Basis
Lead	7439-92-1	TWA: 0.05 mg/m <sup>3</sup>	ACGIH TLV

**Engineering controls:** Use with adequate ventilation.  
**Eye/face protection:** Safety glasses. Ensure eye bath is to hand.  
**Hand protection:** Protective gloves if prolonged or repeated contact is unavoidable.  
**Skin protection:** No additional protection required beyond normal industrial attire is required.  
**Respiratory protection:** No special measures required.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance and odor:** Black semi-solid, mild odor  
**pH:** Not applicable, insoluble in water  
**Flash point:** >200°C (Cleveland open cup)  
**Evaporation rate:** No data  
**Upper flammability limit:** Not applicable  
**Lower flammability limit:** Not applicable

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**Vapor pressure:** No data  
**Vapor density:** No data  
**Relative density:** 2.6  
**Solubility:** Insoluble in water, soluble in alcohols and petroleum distillates  
**Viscosity:** Cone penetration 300-330 (ASTM D217)

### 10. STABILITY AND REACTIVITY

**Chemical stability:** Stable  
**Conditions to avoid:** Extreme heat  
**Incompatible materials:** Strong oxidizers  
**Hazardous decomposition products:** Harmful or flammable vapors, lead oxides, zinc oxides

### 11. TOXICOLOGICAL INFORMATION

#### Potential acute health effects

**Acute toxicity:**  
**Ingestion:** Harmful if swallowed  
**Skin contact:** No known effect  
**Inhalation:** Harmful if inhaled, but not considered significant route of entry  
**Irritation:** May cause mild redness and discomfort on contact with eyes  
**Corrosivity:** Not corrosive

#### Potential chronic health effects

**Sensitization:** Not a sensitizer  
**Repeated dose toxicity:** Repeated exposure may cause drying of skin from loss of skin oils  
**Carcinogenicity:** No ingredients listed as carcinogens  
**Mutagenicity:** Not mutagenic  
**Reproductive toxicity:** May damage the unborn child. Suspected of damaging fertility.  
**STOT repeated exposure:** May causes damage to organs (central nervous system, reproductive system) through prolonged or repeated exposure

### 12. ECOLOGICAL INFORMATION

**Ecotoxicity:** Very toxic to aquatic life with long lasting effects

Chemical name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia
Lead		Ciprinus carpio, 96h, LC50: 0.44 mg/L Oncorhynchus mykiss, 96h, LC50: 1.17 mg/L Oncorhynchus mykiss, 96h, LC50: 1.32 mg/L	Daphnia magna, 48h, EC50: 600 µg/L

**Persistence/degradability:** No information available  
**Mobility:** No information available

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**Other adverse effects:** No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste disposal:** Generation of waste should be avoided or minimized where possible. Empty containers may contain residue. Dispose of as hazardous waste via licensed waste disposal operator. Follow all applicable regulations.

### 14. TRANSPORT INFORMATION

#### Transport information according to US DOT

**UN number:** UN3077  
**Proper shipping name:** RQ, Environmentally hazardous substance, solid, n.o.s. (lead)  
**Hazard class:** Class 9  
**Packing group:** PGIII

#### Transport information according to ADR, RID, ADN, IMDG, ICAO, IATA

**UN number:** UN3077  
**Proper shipping name:** Environmentally hazardous substance, solid, n.o.s. (lead)  
**Hazard class:** Class 9  
**Packing group:** PGIII  
**Additional information:** Marine pollutant

### 15. REGULATORY INFORMATION

**Safety, health and environmental regulations specific to product:** None known

### 16. OTHER INFORMATION

#### Full text of R phrases used in Sections 2 and 3:

R20/22 – Harmful by inhalation and if swallowed  
R33 – Danger of cumulative effects  
R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R61 – May cause harm to the unborn child  
R62 – Possible risk of impaired fertility

#### Full text of H phrases used in Sections 2 and 3:

H302 – Harmful if swallowed  
H332 – Harmful if inhaled  
H360Df – May damage the unborn child. Suspected of damaging fertility  
H372 – Causes damage to organs through prolonged or repeated exposure  
H400 – Very toxic to aquatic life  
H410 – Very toxic to aquatic life with long lasting effects

**Revision information:** Rev 1: changed Section 14.

**END OF SAFETY DATA SHEET**