

Material Safety Data Sheets
OVENTROP NT-40

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Section I - General Information
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Manufacturer's Name: Oventrop Corporation

Emergency Telephone Number: 860-413-9173

Address: PO Box 789
29 Kripes Road
East Granby, CT 06026

Chemical Family: Glycols

Formula: Not Applicable

Molecular Weight: Not Applicable

Cas # and Name: Not Applicable

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****This product contains Propylene Glycol, which is on the FDA's Gras (generally regarded as safe) List****
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Section II - Physical Data (determined on typical material)
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Boiling point: 760 mm Hg: 310 °F

Vapor Pressure: 760 mm Hg: < 1 @ 68° F

Vapor Density: (Air = 1): > 2.0 < 3.0

Specific Gravity: (H₂O = 1): 1.133 ± .01

Evaporation Rate: (Butyl Acetate = 1): < 1

Solubility in Water: Complete

Appearance and Odor: Blue-liquid, clear, mild odor.

MSDS for Oventrop NT-40

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Section III - Hazardous Ingredients
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<u>Materials</u>	<u>%</u>	<u>CAS#</u>	<u>TLV (units)</u>
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Corrosion Control Additives - Proprietary Formulation
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Section IV - HMIS Ratings

	Health 1	Flammability 0	Reactivity 0	
0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe

Section V - Fire and Explosion Hazard Data

Flash Point: 215°F (TCC) (<90% no flash pt.)

Flammable Limits: Volume % in Air
LEL: 2.0-3.0
UEL: 12.0-13.0

Extinguishing Media: This product is not combustible. Water spray, foam, carbon dioxide or dry chemical may be used where this product is stored.

Special Fire Fighting Procedures: Wear full protective clothing and breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: **None**

Section VI - Health Hazard Data

Effects of Overexposure:

Swallowing: No significant sign or symptoms indicative of any adverse health effect are expected as a result of ingestion. If more than several ounces are swallowed, abdominal discomfort, nausea, and diarrhea may occur.

Section VI - Health Hazard Data (continued)

Skin Absorption: No evidence of harmful effects from available information

Inhalation: May cause irritation to the nose and throat with headache, particularly from mist. High concentrations of vapor, by heating the material in an enclosed and poorly ventilated workplace, may cause nausea, vomiting, headache, dizziness and irregular eye movements.

Skin Contact: No evidence of harmful effects from available data.

Eye Contact: Injury to the cornea is not expected. Vapors may be moderately irritating, experienced as discomfort, excess blinking and tear production, with redness and swelling of the conjunctiva.

Emergency and First Aid Procedures:

EYES: Flush the solution out of the eyes immediately.

Flush the eyes with copious amount of water for at least 15 minutes while forcibly holding the eye lids apart. This will ensure adequate flushing of the entire surface area. Washing out the eyes within the first few seconds is essential to achieve maximum effectiveness. Seek medical attention if necessary.

SKIN: Wash the entire area contacted with plenty of water for a least 15 minutes. Remove contaminated clothing and footwear. Wash clothing before reuse and discard leather articles such as shoes and belts. Seek medical attention if necessary.

INHALATION: Remove individual to fresh air; if breathing is difficult have a trained individual administer oxygen. If respiration stops, give mouth to mouth resuscitation. Get medical attention if necessary.

INGESTION: Never give anything by mouth to an unconscious person! If swallowed, give large quantities of water "INDUCE VOMITING". If vomiting occurs spontaneously, keep airway clear. Get medical attention if necessary

Routes of Exposure:

1. **Inhalation:** Airborne concentrations of mist or spray may cause damage to the upper respiratory tract and lung tissue.
2. **Skin:** This product may cause skin irritation with prolonged contact. A latent period may exist between exposure and sense of irritation.
3. **Eye Contact:** This product may irritate eye tissue on contact.
4. **Ingestion:** This product may cause abdominal discomfort.

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Section VII - Reactivity Data
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*Conditions to avoid: None

Stability: () Unstable
(X) Stable

Incompatibility (materials to avoid): Strong oxidizers, acids.

Hazardous Decomposition Products: Burning can produce carbon monoxide and/or carbon dioxide

Hazardous Polymerization: Will not occur
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Section VIII - Spill or Leak Procedures
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Steps to be taken in case material is released or spilled: Small spills can be flushed with large amounts of water; larger spills should be collected for disposal. Wear protective clothing and equipment.

Waste Disposal Method: Neutralize and dispose of material in accordance with all applicable laws and regulations.
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Section IX - Special Protective Information

Respiratory Protection: NIOSH approved breathing air equipment or NIOSH approved respirator with an organic vapor cartridge and a dust or mist pre-filter.

Ventilation: Local Exhaust: N/A
Mechanical (General): Normally adequate
Special: N/A
Other: N/A

Protective Gloves: Rubber or Neoprene

Eye Protection: Face Shield and Safety glasses

Other Protective Equipment: Rubber Apron, Rubber Boots, Eye Wash Station, Safety-shower.

Section X - D.O.T Shipping Information

D.O.T Shipping name: NOT REGULATED BY D.O.T

Product Name: Oventrop NT-40

Section XI - Special Precautions

Precautions to be taken when handling and storing this product: Keep containers closed when not in use and wash hands immediately after each use of this product. **DO NOT GET IN EYES, DO NOT SWALLOW, AVOID BREATHING MISTS. ****ALWAYS WEAR FULLY PROTECTIVE CLOTHING AND EQUIPMENT WHILE HANDLING******

DANGER: Possibly harmful if an excessive (several ounces) amount of this product is swallowed.

Section XII - SARA Title III

This product contains the following toxic chemicals that are claimed as a trade secret, but disclosed as an upper bound concentration to comply with the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR Part 372.

None

Section VIII - Section Revisions

Revisions 2-7-01

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NOTE: The information contained herein is believed to be true and accurate at this time. However, there is no guarantee expressed or implied. Since the use of this information and the conditions for the use of the product are not under the control of Oventrop Corporation it is the user's obligation to determine conditions for the safe use of this product. The physical data contained in this article has been calculated and taken from available data.