



5353 Spring Grove Avenue, Cincinnati, OH 45217 USA 513-471-8770 www.coolantcontrol.com

Material Safety Data Sheet

Section 1 - Product Identification

Product Name: Oxcedot 100

Hazard Rating

	Health	Fire	Reactivity		
NFPA Code:	1	0	0		
0=Least	1=Slight	2=Moderate	3=High	4=Extreme	

Section 2 - Hazardous Ingredients / Identity Information

Specific Identity; Common Names	OSHA PEL	ACGIH TLV	Other
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Proprietary Formula - Specific Chemical Identities Have Been Withheld

65330-59-8

1,2,3-propanetricarboxylic acid, 2-hydroxy-, copper(2+) sodium salt (1:1:2) - -

7732-18-5

Water - -

Section 3 - Physical/Chemical Characteristics

Appearance	Dark blue liquid
Boiling Point, Deg. F	>212
Evaporation, BuAcetate=1	Slower than
Odor	Mild
pH	~8.0
Solubility in water	Complete
Vapor Density (Air=1)	Not Known
Vapor Pressure	Not Known
Pounds per Gallon	10.993
Specific Gravity	1.320

Section 4 - Fire and Explosion Hazard Data

Flash Point COC: NA Flammable Limits: LEL-Not Known UEL-Not Known

Extinguishing Media: Foam, dry chemical, water fog, carbon dioxide.

Special Fire Fighting Procedures: Cool fire exposed containers with water.

Do not enter a confined fire space without full bunker gear and NIOSH approved supplied air breathing apparatus.

Unusual Fire and Explosion Hazards: Product is water based and will not burn until water has evaporated.

Section 5 - Reactivity Data

Stability - Stable under normal conditions.

Incompatibility - Acetylene. Acids. Alkaline compounds. Fluorine. Hydrazine.

Nitromethane. Strong organic acids. Organic materials. Strong oxidizing agents.

Sodium hypobromite.

Reactive metals such as aluminum, zinc, magnesium and copper to release hydrogen gas which can form explosive mixtures with air.

Hazardous Decomposition Products - Oxides of carbon. Oxides of sodium.

Hazardous Polymerization - Will not occur.

Other - Not Applicable.

Section 6 - Health Hazard Data

Routes of Entry: Inhalation=yes Skin=yes Ingestion=yes

Health Hazards :

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Material Safety Data Sheet

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Health hazards for components to this mixture are listed below:
(Acute and Chronic Overexposure)

Eyes - Burred vision. Corneal injury. May cause conjunctivitis. Redness. Stinging. Swelling. Tearing.

Skin - Irritation. Prolonged/repeated exposure may cause dermatitis. Redness. Swelling.

Inhalation - Coughing. Diarrhea. Mists may cause irritation. Headache. Nausea. Sore throat.

Ingestion - Gastrointestinal irritation. Vomiting. Swallowing large quantities may cause hemorrhagic gastritis, nausea, vomiting, abdominal pain, metallic taste, and diarrhea may occur. If vomiting does not occur immediately systemic copper poisoning may occur. Symptoms may include capillary damage, headache, cold sweat, weak pulse, kidney and liver damage, central nervous excitation followed by depression, jaundice, convulsions, paralysis and coma. Death may occur from shock or renal failure.

Signs And Symptoms of Exposure - As Noted Above.

Medical Conditions Generally Aggravated By Exposure - None Known.

Other Precautions - NA

Other - Citric acid decreases iron and calcium absorption.

Carcinogenicity NTP-No IARC-No OSHA-No

Emergency and First Aid Procedures: Inhalation - remove to fresh air. Skin contact - wash using a mild soap. Eye contact - flush with water, see a physician. Ingestion - call a physician.

Section 7 - Precautions for Safe Handling and Use
Steps to be Taken in Case Material is Released or Spilled:
Dike area. Recover free product. Add a dry absorbent material to spill area.

Waste Disposal Method: Dispose by methods consistent with local state and federal regulations.

Precautions to be Taken in Handling and Storing: Keep containers tightly closed. Use and store this product with adequate ventilation. Avoid inhalation of vapors and personal contact with the product. To dissipate static electricity during transfer, ground and/or bond both containers. Since emptied containers retain product residue, follow warnings even after container is emptied. Residue or vapors may ignite; do not cut, drill, grind or weld on or near container even when empty.

Other Precautions:
Not Applicable

Section 8 - Control Measures
Respiratory Protection: Not normally required. Use NIOSH approved supplied air breathing equipment if vapors are excessive.
Ventilation: Local Exhaust : Not normally required.
Mechanical (General): Use general ventilation.
Protective Gloves: Use chemical-resistant gloves, if needed, to avoid skin

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Material Safety Data Sheet

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contact.

Eye Protection: Use splash goggles or face shield when eye contact may occur.

Other Protective Clothing or Equipment: To prevent repeated or prolonged skin contact, wear impervious apron/clothing and boots.

Work/Hygienic Practices: Minimize breathing vapor, mist or fumes. Wash skin with soap and water after contact. Launder contaminated clothing.

Section 9 - Regulatory Information

DOT Information

DOT Proper Shipping Name: None

DOT Hazard Code: None

UN Number: None

TSCA

All components of this product are included in the TSCA inventory or are regulated under FIFRA.

Section 313 Supplier Notification

This product contains the following chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372):

CAS#	Common Name	Weight%
	Copper Compounds	12.9

This information should be included in all MSDSs that are copied and distributed for this material.

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) by Coolant Control Inc.

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End of MSDS
