

Material Safety Data Sheet

According OSHA Hazard Communication Standard 29CFR1910.1200

1. Material/ Production & Company:

PRODUCT NAME:	SDT	Company:	Power Coolant & Chemical, LLC
PRODUCT CODE:			6777 Dusty Saddle Rd Charlotte, NC 28277
Emergency Telephone Number:	1-800-424-9300		Phone: 1-704-759-3435 Fax: 1-704-243-9770

2. COMPOSITION/INFORMATION ON INGREDIENTS:

- a) 1,2,3-Propanetricarboxylic acid-2-Hydroxy-, Sodium-Copper salt (1:2:1), Dihydrate
CAS#: 65330-59-8 5-10% w/w
- b) Sodum Borate, Tetrahydrate CAS#: 1303-96-4 80-90% w/w

3. HAZARDS IDENTIFICATION:

Skin: Repeated or prolonged contact may cause defatting. Abraided skin may become irritated.

Ingestion: May cause irritation, vomiting, nausea, and diarrhea.

Inhalation: Occasional mild irritation effects to nose and throat may occur from inhalation of dusts at levels greater than 10mg/m³.

Risk Classification: None

Environmental Hazards: Do not allow access of undiluted material to sewer waters, effluent, or ground.

4. FIRST AID MEASURES:

Skin Contact: Immediately wash skin with soap and water.

Eye Contact: Immediately flush eyes with plenty of water.

Ingestion: Drink plenty of water. Consult a doctor. May cause vomiting and/or diarrhea.

5. MEASURES FOR FIRE FIGHTING:

Suitable Extinguishing Media: Dependant on surrounding materials, product itself does not burn.

Combustion products: Formation of Copper (I) and Copper (II) oxides, COx.

NFPA Rating: Health - 1, Flammability - 0, Reactivity - 0

6. ACCIDENTAL RELEASE MEASURES:

Do not allow undiluted product access to sewer system. Material is water soluble, and may cause damage to trees and vegetation by root absorption.

7. HANDLING AND STORAGE:

Wear water/oil impervious gloves. Wear safety glasses with side shields. Store in a dry place at room temperature. Keep containers tightly closed. Storage facilities must comply with national/local regulations pertaining to prevention of water pollution and to dangerous goods.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Hand protection: Avoid skin contact, may irritate abraded skin. Wear water impervious safety gloves.

Eye protection: Avoid contact with eyes. Wear safety glasses with side shields or full face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	Solid, Tablet
Color:	Light Blue
Smell:	Essentially odorless
Solubility:	Completely soluble in water

10. STABILITY AND REACTIVITY:

Product as supplied is stable.
Hazardous polymerization will NOT occur.
Avoid contact with concentrated hydroxides.

11. TOXICOLOGICAL INFORMATION:

Oral LD50	5000 mg/kg
Dermal LD50	>10,000 mg/kg
Eye effects	mild eye irritation effects via Draize test
Ames test	negative
Skin sensitization	not a skin sensitizer
Skin irritation	mild skin irritant to abraded skin
Fish toxicity	24 hour, Rainbow trout: LC50 = 1363 mg Na2B4O7 •10H2O / liter.

12. ECOLOGICAL INFORMATION:

No access to sewer waters, effluent or ground. See section 11 - Toxicological information regarding fish toxicity.

13. DISPOSAL CONSIDERATIONS:

Product:	As chemical waste in accordance with federal, state or local regulations.
Packaging, Empty:	Uncleaned containers should be recycled or disposed of. Receiver of containers should be informed about the possible hazards as described in this Material Safety Data Sheet.

14. TRANSPORT INFORMATION:

This product is not classified hazardous for transport.

15. REGULATORY INFORMATION:

S.A.R.A. Title III section 311 and 312

This product is not classified as a hazardous chemical.

S.A.R.A. Title III section 313

The following chemicals are present at or above the de minimis concentrations in the product:

a) 1,2,3-Propanetricarboxylic acid-2-hydroxy-, disodium-copper salt (1:2:1), dihydrate

CAS#: 65330-59-8 5-10% w/w as a copper compound

16. FURTHER DATA:

None.

All data in this Safety Data Sheet are based on present state of our knowledge and experience. They are to characterize our product with regard to any possible safety requirements. We do, however, pass them on to you without any warranty or property assurances.