

Material Safety Data Sheet

According to OSHA Hazard Communication Standard 29CFR1910.1200

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION:

Commercial Product Name: Reductol
Company: Power Coolant & Chemical, LLC
15619 Frohock Place
Charlotte, NC 28277
Phone: 1-704-759-3435
Fax: 1-704-759-1989

Emergency Telephone Number: 1-800-424-9300

2. COMPOSITION/INFORMATION ON INGREDIENTS:

a.) Fatty Ester	CAS# 111-81-9	0.5-15% w/w
b.) Sulfonamide	CAS# 77-55-3	0.5-10% w/w
c.) Inorganic salts	CAS# 497-19-8	1.0-10% w/w
d.) Organic salts	CAS# 112-38-9	1.0-10% w/w
e.) Surfactants	CAS# 68608-26-4	1.0-10% w/w

3. HEALTH HAZARDS INFORMATION:

Inhalation: None known
Skin: Repeated or prolonged contact may cause defatting, oil acne, or irritation.
Ingestion: May cause irritation, vomiting, nausea and diarrhea.
Environmental Hazards: Avoid direct discharge to natural waterways.
Physical/
Chemical Risks: None

4. FIRST AID MEASURES:

Skin Contact: Flush area thoroughly with water then soap and water. Contaminated clothing should be washed before reuse.
Eye Contact: Immediately flush eyes including under the eyelids with running water for 15 minutes. Seek medical assistance if irritation persists.
Ingestion: Drink plenty of water. Consult a doctor. Do not induce vomiting. Call a physician.

Cont. on next page

Notes to Physician: There is no specific antidote. Treatment to overexposure should be directed at the control of symptoms and the clinical condition of the patient. Due to the irritant and surfactant action of the material, if it is aspirated during swallowing or vomiting, there may be lung injury. Therefore, emesis should not be induced by mechanical or pharmacological means. If it is considered that evacuation of the stomach contents is necessary, this should be done by means least likely to result in aspiration (e.g., the use of gastric lavage in the presence of endotracheal intubation).

5. MEASURES FOR FIRE FIGHTING:

Suitable extinguishing media: Dependent on surrounding materials

Combustion products: Formation of oxides of carbon and sulfur.

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

6. ACCIDENTAL RELEASE MEASURES:

Steps to be taken in case material is leaked or spilled. Recover all material that is practical for use. Soak up balance with sand, dirt, or other absorbent and haul to approved dump. For small spills, wash the contaminated area with water. The washings should be discharged to a plant or municipal process water treatment system. Avoid direct discharge to natural waterways.

Caution: Material is slippery on wet or hard surfaces.

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.

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. STABILITY AND REACTIVITY:

Stability: Product as supplied is stable.

Reactivity: Hazardous polymerization will not occur.

Hazardous
Decomposition
Products: None.

10. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear, light yellow liquid
Solubility:	Completely soluble in water
Boiling Point	100C
pH (neat material)	11.0
Specific Gravity,25°C	1.04

11. TOXICOLOGICAL INFORMATION:

The toxicological properties of Reductol have not been evaluated. Based on the ingredients of the product, it is assumed to be moderately toxic if ingested.

12. ECOLOGICAL INFORMATION:

Material is readily biodegradable in waste water treatment systems.

Material is totally biodegradable under both aerobic and anaerobic conditions of secondary wastewater treatment systems. The rate of biodegradation is comparable to the rate of many naturally occurring materials such as glucose, amino acids, and cellulose.

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 as hazardous for transport.

15. REGULATORY INFORMATION:

National and local regulations pertaining to prevention of water pollution must be adhered to.

SARA Title III - Sections 302, 304, 311, 312, 313

This product is not classified as a hazardous chemical.

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 regards to any possible safety requirements. We do, however, pass them on to you without any warranty or property assurances.