

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200 Standard must be consulted for specific requirements.

U.S. DEPARTMENT of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

Code 570, 571
Log Bright - Gas Log Soot Remover

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

RUTLAND PRODUCTS

Address (Number, Street, City, State, and Zip Code)

7 CRAB TREE ROAD
JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

June 1991

Date Revised

May, 01

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Chemical Identity	CAS #	OSHA PEL	ACGIH TLV	Other Limits	
				Recommended	% (optional)
Manganese II Nitrate	10377-66-9	5 mg/m ³	5 mg/m ³		
		Mn as dust	Mn as dust		
N-Propyl Alcohol	00071-23-8	200 ppm	200 ppm		
Alcohol Ethoxylate (detergent rang	68439-46-3	Not Established			

HMIS Rating - Health: 2 Flammability: 2 Reactivity: 0

Section III - Physical/Chemical Characteristics

Boiling Point	205°F	Specific Gravity (H ₂ O = 1)	1.0
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (Air = 1)	N/A	Evaporation Rate (Butyl)	N/A

Solubility in Water

Complete solubility

Appearance and Odor

Light pink, clear water solution; odor of alcohol.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
112°F, TOC		N/A	N/A

Extinguishing Media

Use foam, carbon dioxide, or dry chemical

Special Fire Fighting Procedures

Self contained breathing apparatus for fire fighters.

Unusual Fire and Explosion Hazards

None

The information presented herein is based either on data or opinion. Such data is, to the best of our knowledge, true and accurate. Such opinion is believed to be expert, and therefore generally reliable, but in some instances there are conflicts in expert opinion and in these instances we have relied on the opinion which, in our best judgment, appeared the most reasonable. All information herein is presented without guarantee or warranty and Rutland Products disclaims any liability incurred from the

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid None
	Stable	X	

Incompatibility (Materials to Avoid)

Strong oxidizing agents, strong acids, bases, halogens.

Hazardous Decomposition or Byproducts

Thermal decomposition will yield oxides of carbon and nitrogen.

Hazardous Polymerization	May Occur		Conditions to Avoid None
	Will Not Occur	X	

7 CRAB TREE ROAD

JACKSONVILLE, IL 62650	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Eyes: irritant.

Skin: irritation upon prolonged or repeated contact. May result in dermatitis.

Respiratory tract: irritation, narcosis in high concentration.

Ingestion: irritation.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

Eyes: redness and tearing. Skin: redness. Respiratory: headache, dizziness.

Medical Conditions Generally Aggravated by Exposure

Skin conditions. Respiratory ailments.

Emergency and First Aid Procedures

Eyes: immediately wash with large quantities of water for at least 15 minutes and seek immediate medical attention.

Skin: wash with water and get medical attention if irritation persists.

Inhalation: remove to fresh air.

Ingestion: induce vomiting. Call physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Contain spill. Keep away from ignition sources.

Waste Disposal Method

Dispose of in accordance with local, state and federal regulations.

Precautions to Be Taken in Handling and Storing

Keep containers cool and away from sources of ignition.

Other Precautions

Use adequate ventilation. Avoid inhalation of vapors.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

NIOSH/MSHA supplied air respirator for fire fighting.

Ventilation	Local Exhaust	Special
	Sufficient to keep below TLV.	None
	Mechanical (General)	Other
	Sufficient to keep below TLV.	None

Protective Gloves

Chemical resistant, impermeable gloves.

Eye Protection

Chemical splash goggles.

Other Protective Clothing or Equipment

Chemical resistant apron and boots. Eyewash station, safety shower.

Work/Hygienic Practices

Wash hands after handling product.