

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)

Item 3412 Chimfex
 Chimney Fire Extinguisher

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 CRABTREE ROAD
 JACKSONVILLE, IL 62650

Emergency Telephone Number

CHEMTREC 800-424-9300

Telephone Number Information

217-245-7963

Date Prepared

4/9/09

Date Revised

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

| Chemical Identity | CAS # | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|-----------------------|------------|-----------------|-----------|--------------------------|--------------|
| Strontium Nitrate | 10042-76-9 | Not Established | | | |
| Potassium Perchlorate | 7778-74-7 | Not Established | | | |
| Sulfur | 7704-34-9 | Not Established | | | |

HMIS Rating - Health: 2 Flammability: 3 Reactivity: 0

Section III - Physical/Chemical Characteristics

| | | | |
|-------------------------|---------|---|---------|
| Boiling Point | No Data | Specific Gravity (H ₂ O = 1) | No Data |
| Vapor Pressure (mm Hg) | | Melting Point | No Data |
| Not established | | | |
| Vapor Density (Air = 1) | No Data | Evaporation Rate (Butyl Acetate = | N/A |

Solubility in Water

Greater than 300g/l powder

Appearance and Odor

Red cardboard tube containing yellowish-tan solid mixture

Section IV - Fire and Explosion Hazard Data

| | | | |
|---------------------------|------------------|------------------|------------------|
| Flash Point (Method Used) | Flammable Limits | LEL | UEL |
| >167°F (Oven)> | | None Established | None Established |

Extinguishing Media

Use water deluge/flooding method

SUFFOCATION TECHNIQUES WILL NOT BE EFFECTIVE

Special Fire Fighting Procedures

Not applicable

Unusual Fire and Explosion Hazards

Use NIOSH/MSHA approved positive pressure self-contained breathing apparatus when material is involved in fire

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 use thereof.

Section V - Reactivity Data

| | | | |
|-----------|----------|---|---------------------------------|
| Stability | Unstable | | Conditions to Avoid None |
| | Stable | X | |

Incompatibility (*Materials to Avoid*)

Strong oxidizers, strong acids, & chlorate salts

Hazardous Decomposition or Byproducts

Not established. Product does decompose.

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

Section VI - Health Hazard Data

| | | | |
|-------------------|------------------------|-------|------------|
| Route(s) of Entry | Inhalation? | Skin? | Ingestion? |
| | Yes, when used in fire | No | No |

Health Hazards (*Acute and Chronic*)

Eyes: Corrosive

Skin: Irritant

Ingestion: Harmful if swallowed

Inhalation: Irritating to respiratory tract

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

Signs and Symptoms of Exposure

Eyes: reddening and watering. Ingestion: stomach cramps.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedures

In case of eye contact, flush with water for 15 minutes. Consult a physician.

In case of ingestion, consult a physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
Scoop up. Avoid contamination with organic material. Place in fresh clean container and isolate. Do not seal container.

Waste Disposal Method

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

Precautions to Be Taken in Handling and Storing

REMOVE ALL SOURCES OF IGNITION

Other Precautions

Wear NIOSH/MHSA approved dust respirator. Wear goggles, boots, gloves, & impervious coveralls.

Section VIII - Control Measures

Respiratory Protection (*Specify Type*)

NIOSH/MHSA approved dust respirator, if tube broken or chemical exposed

| | | |
|-------------|-------------------------------|---------|
| Ventilation | Local Exhaust | Special |
| | Yes | None |
| | Mechanical (<i>General</i>) | Other |
| | None | None |

| | |
|-------------------|----------------|
| Protective Gloves | Eye Protection |
| Yes | Safety glasses |

Other Protective Clothing or Equipment

Boots & impervious coveralls

Work/Hygienic Practices

Wash hands after handling tubes