



## SAFETY DATA SHEET

### SOOTSPRAY™

The original aerosol soot remover

#### SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name  
Sootspray™

Product Codes  
68342

Chemical Family  
Organic/Inorganic

Use  
Coil cleaner

Manufacturer's Name  
The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

Date of Validation  
June 7, 2017

Date of Preparation  
June 7, 2017

HMIS Codes  
Health 2  
Flammability 3  
Reactivity 0  
PPI B

Emergency Telephone No.  
Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International

Technical Service Telephone No.  
(800)-231-3345 or (713)-263-8001

#### SECTION 2 – HAZARDS IDENTIFICATION

##### GHS CLASSIFICATION

###### Physical Hazards

None

###### Health Hazards

###### Acute Toxicity

Oral: Not Classified

Dermal: Not Classified

Inhalation: Not Classified

Skin Corrosion/Irritation: Not Classified

Serious Eye Damage/Eye Irritation: Not Classified

Respiratory or Skin Sensitization: Not Classified

Germ Cell Mutagenicity: Not Classified

Carcinogenicity: Not Classified

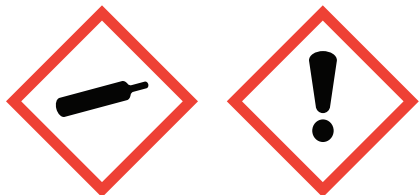
Reproductive Toxicology: Not Classified

Target Organ Systemic Toxicity - Single Exposure: Not Classified

Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

## GHS Label elements, including precautionary statements



GHS04: Compressed Gas Cylinder

GHS07: Exclamation Mark/Harmful

Signal Word: **Warning**

### Hazard Statements

H303 - May be harmful if swallowed.

H313 - May be harmful in contact with skin.

H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

### Precautionary Statements

P102 - Keep out of reach of children.

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray

P262 - Do not get in eyes, on skin, or on clothing.

P264 - Wash hands thoroughly after handling.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301 + P310 - IF SWALLOWED: Immediately call a **POISON CENTER** or doctor/physician.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P362 - Take off contaminated clothing and wash before reuse.

EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements - EU No. 1272/2008

## Summary Of Acute Hazards

Irritation to eyes, nose, and throat; drowsiness, narcosis, tremors, and other CNS effects at high concentrations.

Skin irritation, dermatitis, and defatting.

## Route Of Exposure, Signs And Symptoms

### INHALATION

Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression, and unconsciousness.

### EYE CONTACT

Watering, blurred vision, inflammation, and irritation which can result in corneal injury.

### SKIN CONTACT

Irritation, dermatitis.

### INGESTION

Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

### SUMMARY OF CHRONIC HAZARDS

Skin irritation, contact dermatitis, and defatting.

### MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver, or kidneys may have increased susceptibility to excessive exposure.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

<b>Ingredient:</b>	Glycol Butyl Ether
Percentage By Weight:	1-4
CAS Number:	111-76-2
EINECS:	203-905-0
<b>Ingredient:</b>	Glycol Ether
Percentage By Weight:	1-10
CAS Number:	20324-33-8
EINECS:	243-734-9
<b>Ingredient:</b>	Isopropyl Alcohol
Percentage By Weight:	1-10
CAS Number:	67-63-0
EINECS:	200-661-7
<b>Ingredient:</b>	Nitrogen
Percentage By Weight:	1-3
CAS Number:	7727-37-9
EINECS:	231-783-9

## SECTION 4 – FIRST AID MEASURES

If inhaled:	If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
If on skin:	Immediately wash with soap and water. Remove and wash any contaminated clothing.
If in eyes:	Flush eyes with large amounts of water for 15 minutes. Get medical attention if irritation persists.
If swallowed:	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

## SECTION 5 – FIRE FIGHTING MEASURES

**Extinguishing Media**

Foam, dry chemical, CO<sub>2</sub>, or water fog.

**Special Fire Fighting Procedures:** Wear self-contained full face piece breathing apparatus and full body protective clothing. Hazardous decomposition products possible (see Section 10). Evacuate area. Dike area as run-off may create additional environmental contamination.

**Unusual Fire And Explosion Hazards:** Aerosol cans are under pressure – exposure to temperatures above 120°F (49°C) can cause bursting or "rocketing" of cans.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

## SECTION 7 – HANDLING AND STORAGE

**Precautions To Be Taken In Handling And Storing:** Shake well before using. Keep away from heat, sparks and open flames. Prolonged exposure to direct sunshine or storage above 120°F (49°C) may cause can to burst. Do not puncture or incinerate can.

**Other Precautions:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues; treat as if full and observe all products precautions. Do not reuse empty containers.

KEEP OUT OF REACH OF CHILDREN.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient	Units
<b>Glycol Butyl Ether</b>	
ACGIH TLV:	25 ppm
OSHA PEL:	25 ppm
<b>Glycol Ether</b>	
ACGIH TLV:	N/D
OSHA PEL:	N/D
<b>Isopropyl Alcohol</b>	
ACGIH TLV:	400 ppm
OSHA PEL:	400 ppm
OSHA STEL:	500 ppm
<b>Nitrogen</b>	
ACGIH TLV:	N/D
OSHA PEL:	N/D

**Respiratory Protection (Specify Type):** In confined, poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators during soldering operations until fumes have dissipated.

**Ventilation – Local Exhaust:** Acceptable

**Special:** Explosion proof

**Mechanical (General):** Acceptable

**Other:** N/A

**Protective Gloves:** Wear rubber gloves.

**Eye Protection:** Safety glasses (ANSI Z-87.1 or equivalent)

**Other Protective Clothing Or Equipment:** Chemical resistant coveralls recommended.

**Work/Hygienic Practices:** Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	>212°F (100°C) @ 760mm Hg
Specific gravity (H <sub>2</sub> O = 1):	1.12
Vapor pressure (mmHg):	N/D
Melting point:	N/A
Vapor Density (Air = 1):	< 1
Evaporation rate (Ethyl Acetate = 1):	> 1
Appearance/Odor:	Clear liquid/Mild odor
Solubility in water:	Soluble
Volatile Organic Compounds (VOC) Content (theoretical percentage by weight):	14% or (157 g/L)
Flash point:	53°F (12°C) SETA CC
Lower explosion limit:	2.5
Upper explosion limit:	12
NFPA aerosol level:	1

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions To Avoid:** Do not store in temperatures above 120°F (49°C).

**Incompatibility (Materials To Avoid):** Oxidizers, acids and bases.

**Hazardous Decomposition Products:** CO, CO<sub>2</sub> and fragmented hydrocarbons.

**Hazardous Polymerization:** Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

### Chronic Health Hazards

No ingredient in this product is an IARC, NTP or OSHA Lister carcinogen.

#### Toxicology Data

#### Ingredient Name

##### Glycol Butyl Ether

Oral-Rat LD50: 470 mg/kg

Inhalation-Rat LC50: 2900 mg/m<sup>3</sup>

##### Glycol Ether

Oral-Rat LD50: 3300 mg/kg

Inhalation-Rat LC50: N/D

**Isopropyl Alcohol**

Oral-Rat LD50: 5045 mg/kg  
 Inhalation-Rat LCLo: 16,000 ppm/4H

**Sodium Silicate**

Oral-Rat LD50: N/D  
 Inhalation-Rat LC50: 160 mg/m<sup>3</sup>/6H

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecological Data**

Ingredient Name: **Glycol Butyl Ether**  
 Food Chain Concentration Potential: None  
 Waterfowl Toxicity: N/A  
 BOD: 26%  
 Aquatic Toxicity: 1000 ppm/24 hr/brine shrimp/TLm

**Ecological Data (cont.)**

Ingredient Name: **Glycol Ether**  
 Food Chain Concentration Potential: N/D  
 Waterfowl Toxicity: N/D  
 BOD: N/D  
 Aquatic Toxicity: N/D

Ingredient Name: **Isopropyl Alcohol**  
 Food Chain Concentration Potential: None  
 Waterfowl Toxicity: N/A  
 BOD: 133%  
 Aquatic Toxicity: 900-1100 ppm/24 hr/chub

Ingredient Name: **Nitrogen**  
 Food Chain Concentration Potential: None  
 Waterfowl Toxicity: None  
 BOD: None  
 Aquatic Toxicity: None

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Classification:** Aerosols

**Disposal Method:** Empty containers can be disposed of in trash. Full containers should be depressurized to separate liquid phase. The liquid phase is considered a D001 ignitable waste and should be incinerated. Dispose of all liquid waste in accordance with all local, state and federal regulations.

## SECTION 14 – TRANSPORTATION INFORMATION

DOT: Ltd Qty or Limited Quantity  
 Ocean (IMDG): UN1950, Aerosols, 2.2, Ltd Qty or Limited Quantity, EmS No. F-D, S-U  
 Air (IATA): UN1950, Aerosols, 2.2, ERG#126

## SECTION 15 – REGULATORY INFORMATION

**Regulatory Data**

Ingredient Name: **Glycol Butyl Ether**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Glycol Ether**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Isopropyl Alcohol**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

Ingredient Name: **Nitrogen**  
 SARA 313 No  
 TSCA Inventory Yes  
 CERCLA RQ N/A  
 RCRA Code N/A

## SECTION 16 – OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).  
 The information herein is given in good faith, but no warranty, expressed or implied is made.

Consult RectorSeal for further information: (713) 263-8001