



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318... For any Transportation or Medical Chemical Emergencies call: INFOTRAC (800) 535-5053 OR (352) 323-3500... Product Name: Rust-A-Way Recommended Use: Specially formulated to remove iron, rust and other contaminants from most materials and surfaces.

SECTION 2 - HAZARD(S) IDENTIFICATION

Labels: Health Hazard, Irritant. Signal Word: Warning. HMIS: HEALTH 2, FLAMMABILITY 0, REACTIVITY 1. NFPA: HEALTH HAZARD 2, FIRE HAZARD 0, REACTIVITY 1. GHS Classification: Health, Environmental, Physical. Hazardous Statements: H302, H315, H320, H335. Precautionary Statements: P102, P262, P264, P270.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Table with 5 columns: Chemicals, CAS#, EINECS#, REACH Pre-registration Number, Approx %. Rows include SODIUM HYDROSULFITE, SODIUM SULFITE, and SODIUM METABISULFITE.

SECTION 4 - FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. Eyes: Flush with water for 15 minutes. Ingestion: Give 1 or 2 glasses of water. DO NOT INDUCE VOMITING.

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## SECTION 5 – FIRE-FIGHTING MEASURES

**Fire Hazard:** None known.  
**Combustion Products:** None known.  
**Extinguishing Media:** Dry Chemical, Foam, Carbon Dioxide.  
**Unsuitable Extinguishing Media:** None known.  
**Protective Equipment:** Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.  
**Special Fire Fighting Procedures:** Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. If container is hot to touch, puncture lid, empty contents, and flood with water.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** Prevent contact with skin or eyes. Do not touch or walk through spilled material.  
**Protective Equipment:** Wear suitable respiratory protective equipment.  
**Emergency Procedures:** Remove all sources of ignition and ventilate area. For leaks, stop leak if it can be done safely. Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.  
**Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways.  
**Methods for Cleaning Up:** Use broom or dry vacuum to collect material without raising dust. Rinse area with water.

## SECTION 7 – HANDLING AND STORAGE

### Handling

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep containers closed when not in use.

### Storage

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. **Incompatible Materials:** Acids, Oxidizers.

## SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
SODIUM HYDROSULFITE	5 mg/m <sup>3</sup>	N/A	5 mg/m <sup>3</sup>
SODIUM SULFITE	N/A	N/A	N/A
SODIUM METABISULFITE	5 mg/m <sup>3</sup>	N/A	N/A

**Engineering Controls:** A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed.  
**Ventilation:** Local ventilation is adequate.  
**Personal Protective Equipment – Respiratory:** Where exposed levels may be exceeded, use an approved NIOSH respirator.  
**Personal Protective Equipment – Skin:** Rubber gloves.  
**Personal Protective Equipment – Eyes:** Safety glasses.

## SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

<b>Appearance:</b> White Powder	<b>Flash Point:</b> Not Established	<b>Vapor Pressure:</b> Not Established
<b>Odor:</b> Characteristic	<b>Specific Gravity:</b> Not Established	<b>Flammability:</b> Not Established
<b>pH:</b> Not Established	<b>Solubility (H2O):</b> Appreciable	<b>Flammability Limits:</b> LEL – Not Established UEL – Not Established
<b>Melting Point:</b> Not Established	<b>Evaporation Rate:</b> Not Established	
<b>Freezing Point:</b> Not Established	<b>Vapor Density:</b> Not Established	
<b>Boiling Point:</b> Not Established	<b>VOC:</b> 0 g/l	

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable.  
**Hazardous polymerization:** Will not occur.  
**Conditions to avoid:** Do not mix with other chemicals.  
**Incompatible materials:** Acids, Oxidizers.  
**Hazardous decomposition products:** Oxides of sulphur, Hydrogen sulphide, Oxides of carbon, Hydrogen Chloride.

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## SECTION 11 – TOXICOLOGICAL INFORMATION

<u>Hazardous Chemicals</u>	<u>Toxicity</u>	<u>LC<sub>50</sub></u>
SODIUM HYDROSULFITE	Oral: 2500 mg/kg (rat)	N/A
SODIUM SULFITE	N/A	N/A
SODIUM METABISULFITE	Oral: 1131 mg/kg (rat)	N/A

**Likely Routes of Exposure:** Inhalation, Skin Contact, Eye Contact and Ingestion.

**Symptoms and Effect - Inhalation:** Dust may cause irritation of the nose, throat, and respiratory tract. **Skin Contact:** Causes irritation.

**Eye Contact:** Causes irritation. **Ingestion:** May cause upset stomach, nausea or vomiting.

**Long-Term Effect:** None known.

**Pre-Existing Conditions:** None known.

## SECTION 12 – ECOLOGICAL INFORMATION

**Ecotoxicity:** None known.

**Persistence & Degradability:** None known.

**Bioaccumulative Potential:** None known.

**Mobility in soil:** In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 0 g/l.

## SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

## SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

## SECTION 15 – REGULATORY INFORMATION

**Precautionary Label Information:** Irritant and Health Hazard.

**Risk Phrases:** R36/37/38-Irritant to eyes, respiratory system and skin.

**Safety Phrases:** S2-Keep out of reach of children. S16-Keep away from sources of ignition-No smoking. S25-Avoid contact with eyes. S26-In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

## SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

DATE: 01/01/2019