# SAFETY DATA SHEET

# TY-SPRAY Rust Stop Organic

Effective Date: 31 JUL 2019 Replaces Revision: SDS 8/13/2018

## 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Name: TY-SPRAY Rust Stop**
**Chemical Name:** Alkaline corrosion inhibitor
**Chemical Formula: Mixture**
**Common Name: Corrosion Inhibitor**
**CAS Number:** Not Established
**Chemical Family:** Amine
**EPA Registry Number:** Not Established
**SDS Number:** CL7275
**Recommended Use:** Organic based rust inhibitor.

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**Supplier**
**ASAS/TYSOL, INC.**
**1561 Woodlane Drive**
**PO BOX 25098**
**Woodbury, MN 55125**
**USA**
**Company Contact: Darrin Ewing**
**Telephone Number: 651-730-4923**
**FAX: 651-730-5107**

**Manufacturer**
**ASAS/TYSOL, INC.**
**1561 Woodlane Drive**
**PO BOX 25098**
**Woodbury, MN 55125**
**USA**
**Company Contact: Darrin Ewing**
**Telephone Number:651-730-4923**
**FAX: 651-730-5107**

**24-HOUR EMERGENCY US TELEPHONE, CHEMTREC: 1-800-424-9300**

## 2 HAZARDS IDENTIFICATION

**Hazard Pictogram(s):**

**GHS Classification:** 1A
**GHS Signal Word:** Danger **GHS Hazard Statement:**
**GHS Precautionary Statements:**

P101: If medical advice is needed, have product container or label at hand
P102: Keep out of reach of children
P103: Read label before use
P260: Do not breathe dust
P264: Wash area of any contact with the skin or eyes thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301: IF SWALLOWED: rinse mouth, do not induce vomiting.
P302: IF ON SKIN, take off immediately all contaminated clothing. Rinse skin with water / shower.
P304: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.

P311: IF INHALED OR INGESTED: call a poison center or doctor/physician

P321: Specific Treatment: See First Aid information in Section 4 FIRST-AID MEASURES of this SDS.

P363: Wash contaminated clothing before reuse.

P501: Dispose of contents/container in accordance with all regulations

**NFPA / HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3- High, 4-Extreme**

**National Fire Protection Association:**

**OSHA Hazardous Materials Identification System:**

| | |
|---|---|
| HEALTH | 2 |
| FLAMMABILITY | 0 |
| REACTIVITY | 0 |
| PERSONAL PROTECTION | B |

## 3 COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient | CAS Number | Percent |
|---|---|---|
| | | |
| Sodium Molybdate | 7631-95-0 | 5 |
| Sodium Nitrite | 7632-00-0 | 6.75 |

## 4 FIRST-AID MEASURES

**Description of first aid measures:** Anything other than minor exposure may require calling a Physician immediately.

**Inhalation:** If inhaled, remove to fresh air. If necessary, give CPR – **warning**, this could pose a risk of exposure to the rescue breather.

**Skin Contact:** Remove contaminated clothing and shoes. In case of contact, immediately flush skin with water until clean. Get medical attention immediately if irritation (burns, redness, rash, blistering) develops and persists.

**Eye Contact: :** In case of contact, remove contact lenses, if worn, immediately flush eyes with plenty of water for 15 minutes. If burns occur, get medical attention immediately.

**Ingestion:** Call a physician or a poison control center immediately with regard to inducing vomiting

**Most Important Symptoms:** Irritation and possible burning.

**Indication of Immediate Medical Attention:** No further relevant information available.

## 5 FIRE-FIGHTING MEASURES

**Flash Point:** >300 degrees F
**Flammability Class:** Non-flammable
**Lower Explosive Limit:** Not Applicable
**Upper Explosive Limit:** Not Applicable

**Specific Hazards:** Caustic, causes irritation and possible burns to skin, eyes, respiratory tract.

**Extinguishing Media:** Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions:** In any chemical fire, firefighters should wear self-contained breathing apparatus and full protective gear.

## 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions, protective equipment, emergency procedures:** Keep people away from and upwind of spill. Restrict access to area until completion of clean-up. Sweep up and dispose of properly. Refer to protective measures listed in Sections 7 and 8.

**Methods and Materials for containment and cleaning up**: Sweep up spilled material and dispose of properly.

**Special spill response procedures:**

**Contact CHEMTREC**
**US Telephone Number: 1-800-424-9300**

## 7 HANDLING AND STORAGE

**Precautions for safe handling:** Avoid contact with eyes, skin and clothing. Do not taste or swallow. Use only with adequate personal protection. Wash thoroughly after handling. Do not add anything to concentrated product.

**Conditions for safe storage:** Keep containers tightly closed and store in dry area. Keep away from children.

**Incompatible materials:** Reacts with acids.

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**

Monoethanolamine - OSHA STEL 6 ppm TWA 3 ppm, ACGIH STEL 6 ppm TWA 3 ppm
Sodium Molybdate - OSHA PEL 5 mg/m3, ACGIH TLV 5 mg/m3

**Engineering Controls:**
**Ventilation and engineering measures:** Use with adequate general and local exhaust ventilation.

**Respiratory Protection:** General room ventilation is normally adequate

**Skin Protection:** Use chemical-resistant gloves.

**Eye/Face Protection:** Wear chemical splash goggles and/or face shield.

**Other protective equipment:** Ensure that eyewash stations / safety showers are close to the work stations. Other equipment may be required depending on the workplace standards.

**General hygiene considerations:** Avoid contact with skin, eyes, and clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Remove and wash contaminated clothing before re-use. Handle in accordance with good industrial hygiene and safety practices.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear light amber liquid
**Auto-ignition Temperature:** Not Applicable
**Chemical Type:** Alkaline
**Decomposition Temperature:** Not Determined
**Evaporation Rate:** Not Applicable
**Flammability:** Non-flammable
**Initial Boiling Point / Boiling Range:** >500 degrees F
**Odor Threshold: Amine distinctive odor**
**Odor:** Mild odor
**Other Physical / Chemical Comments:** No additional information
**pH:** 11 at a concentration of 100%
**Physical State:** Liquid
**Solubility in Water:** Complete
**Specific Gravity** 1.18
**Upper / Lower Flammability or Explosive Limits:** Not Applicable
**Vapor Density:** Not Applicable
**Vapor Pressure:** Not Applicable
**Viscosity:** Not Applicable

## 10 STABILITY AND REACTIVITY

**Reactivity:** Reactive with acids.
**Chemical Stability:** This material is expected to be stable under normal conditions of use**.**
**Possibility of Hazardous Reaction and Conditions to Avoid:** None identified.
**Incompatible Materials: Avoid strong oxidizing and reducing agents.**
**Hazardous Decomposition Products:** None identified.
**Hazardous Polymerization:** Will not occur.

## 11 TOXICOLOGICAL INFORMATION

**Information on Likely Routes of Exposure:**
**Routes of entry – Inhalation:** Yes
**Routes of entry – Eyes:** Yes
**Routes of entry – Ingestion:** Yes
**Routes of entry – Skin Contact:** Yes

**Potential Health Effects:**
**Signs and symptoms of short term (acute) exposure:**
**Eye Hazards:** May cause irritation to eyes.
**Skin Hazards:** May cause irritation to skin.
**Ingestion Hazards**: May irritate gastrointestinal system if swallowed.
**Inhalation Hazards:** May cause irritation to respiratory tract.

**Potential Chronic Health Effects:** As listed above.
**Mutagenicity:** Not expected to be mutagenic in humans.
**Carcinogenicity:** The product and its ingredients have not been identified as carcinogen or probable carcinogen by NTP, IARC monographs or OSHA.
**Reproductive Toxicity:** No data available.
**Specific Target Organ Effects:** No data available.
**Toxicological Data:** No data available.

## 12 ECOLOGICAL INFORMATION

**Ecotoxicity:** No data available.
**Persistence and Degradability:** No data available.
**Bioaccumulative Potential:** No data available.
**Mobility in Soil:** No data available.
**Other Adverse Effects:** No data available.

## 13 DISPOSAL CONSIDERATIONS

**Handling for disposal:** Handle in accordance with good industrial hygiene and safety practices. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue and can be hazardous.

**Methods of disposal:** Dispose in accordance with all applicable federal, state provincial and local regulations. Contact your local, state, provincial or federal environmental agencies for specific rules.

**RCRA:** If this product, as supplied, becomes a waste in the United States, it may meet the criterial of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state federal environmental agencies.

## 14 TRANSPORTATION INFORMATION

**Proper Shipping Name:** Use product name

**Freight Class:** 70

## 15 REGULATORY INFORMATION

**US Federal Information:**
**TSCA Information**: All listed ingredients appear on the Toxic Substances Control Act (TSCA) inventory.

**SARA Hazard Classes:** Not Applicable

**SARA Section 313 Notification:** This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

## 16 OTHER INFORMATION

**Revision/Preparer Information:**
**ASAS / TYSOL, Inc.**
**SDS Preparer:** DSE
**SDS Preparer Phone Number:** 651-730-4923

**Disclaimer:** The above information is to the best of our knowledge, current, accurate, and complete based on information reasonably available to us as of the date of preparation of this form. However, it is the user's responsibility to determine the safety, toxicity and suitability for his or her own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by us to the effects of such use or on the safety or toxicity of this product. Nor do we assume any liability arising out of use by others of the product. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when exception conditions or circumstances exist or because of applicable laws or regulations.

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You are urged to obtain GHS Safety Data Sheets for all product you buy, process, use or distribute, and are encouraged to advise those who may come in contact with such products of the information contained therein.

To determine the applicability or effect of any law or regulation with respect to the product, you should consult with your legal advisor or the appropriate government agency. We will not provide advice on such matter, or be responsible for any injury or damage resulting for the use of the product described herein.

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