

# SAFETY DATA SHEET



## SECTION 1: IDENTIFICATION

<b>COMPANY NAME:</b>	AMERICAN INDUSTRIES, INC.	<b>PRODUCT NAME:</b>	<b>RUSTINATOR (A)</b>
<b>ADDRESS LINE 1:</b>	4300 Kahn Drive, Box 1405	<b>PRODUCT CODE:</b>	2536
<b>ADDRESS LINE 2:</b>	Lumberton, NC 28359-1405 USA	<b>PRODUCT USE:</b>	Rust Converter
<b>TELEPHONE NUMBERS:</b>	800-753-5153 (or) 910-738-7224	<b>SDS FILE ID:</b>	2536.01
<b>EMERGENCY PHONE:</b>	<b>CHEMTREC 1-800-424-9300</b>	<b>SDS DATE:</b>	2023-08-02

## SECTION 2: HAZARDS IDENTIFICATION

### Classifications

Flammable Aerosol	Category 1
Gases under pressure	Liquefied Gas
Eye Irritant	Category 2A
Specific Target Organ Toxicity, single exposure	Category 3
Specific Target Organ Toxicity, repeated exposure	Category 2

### Label elements



### Signal word

DANGER

### Hazard statements

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.

### Precautionary Statement

This Product contains the following percentage of chemicals of unknown toxicity: N/A  
Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Wash hands thoroughly after handling. Wear eye protection. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention. Do not breathe mist, vapors or spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Dispose of contents and container in accordance with local, state and federal regulations.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
Acetone	67-64-1	30-40
N-Butane	106-97-8	20-30
Isopropyl alcohol	67-36-0	10-20
Propane	74-98-6	5-15
2-Butoxyethanol	111-76-2	5-15
Diethylene glycol	111-46-6	1-5

## SECTION 4: FIRST AID MEASURES

Inhalation	Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes, launder before reuse. If irritation persists seek medical attention.

Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.
Ingestion	Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to an unconscious person.
Acute health hazards	Causes eye irritation including redness, tearing, and pain. Prolonged contact with skin may cause irritation. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic health hazards	Respiratory disease and dermal related medical conditions. Kidney and liver damage possible.
Note to physician	Treatment of overexposure should be directed toward the control of symptoms and the clinical condition.

#### **SECTION 5: FIRE-FIGHTING MEASURES**

Suitable extinguishing media	Dry chemical, foam, carbon dioxide, and water spray or fog.
Unsuitable extinguishing media	Water spray/stream.
Specific Firefighting procedures	Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.
Unusual Fire and Explosion hazards	Contents under pressure. Exposure to temperatures above 120 °F may cause bursting. Vapors may form explosive mixtures with air. Vapors heavier than air will settle in low lying areas and may travel to source of ignition and flash back. Keep away from heat, sparks, open flames and other sources of ignition.
Hazardous combustion products	Oxides of carbon, nitrogen.

#### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

Personal protective equipment	Refer to Section 8 for proper Personal Protective Equipment.
Spill	Eliminate all sources of ignition. Material is heavier than air and can settle in low lying areas in flammable concentrations. Clean up using rag or use some non-combustible material like vermiculite, sand or earth. Prevent spill from entering sewers, storm drains, and natural waterways. Place waste in proper containers for disposal. U.S. regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the U.S. Coast Guard National Response Center is (800) 424-8802.
Waste disposal	Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.
RCRA status	Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

#### **SECTION 7: HANDLING AND STORAGE**

Precautions for safe handling and storage	Keep away from heat, open flames, or other sources of ignition. Avoid contact with skin, eyes and clothing. Wear appropriate protective equipment. Do not inhale mist or vapor. Store in a cool, dry area. Do not use or store with strong oxidizers. Protect from sunlight. Store in a well ventilated place. Do not expose to temperatures exceeding 50°C/122 °F. Pressurized container: Do not pierce or burn, even after use.
Other precautions	Keep out of the reach of children. Read and follow the directions on the product label. They are the best guide to using the product in the most effective manner. The label also gives you the necessary safety precautions to protect your health.

Incompatibility Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid some plastics, rubbers, and coatings.

#### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Acetone	1000 ppm	250 ppm
N-Butane	Not Established	1000 ppm
Isopropyl alcohol	400 ppm	200 ppm
Propane	1000 ppm	1000 ppm
2-Butoxyethanol	50 ppm	20 ppm
Diethylene glycol	Not Established	Not Established
Engineering controls/Ventilation	Use only outdoors or in a well-ventilated area	
Respiratory protection	Not required with normal use. Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.	
Personal protective equipment	Safety glasses and chemical resistant gloves	
Additional Measures	Avoid contact with skin or eyes and avoid breathing vapors. Wash hands after use.	

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear to hazy brown spray
Odor	Acetone
Odor threshold	N/D
pH	N/D
Melting point/Freezing point	N/D
Initial boiling point and boiling range	N/D
Flash point	N/D
Evaporation rate	N/D
Flammability (solid/gas)	Extremely Flammable Aerosol
Lower flammability limit	N/D
Upper flammability limit	N/D
Explosive limit lower	N/D
Explosive limit upper	N/D
Vapor pressure (mm Hg)	N/D
Vapor density (Air=1)	N/D
Relative Density (H <sub>2</sub> O=1)	0.82 – 0.88 at 77°F (25°C)
Solubility	N/D
Partition coefficient: n-Octanol/Water (K <sub>ow</sub> )	N/D
Autoignition temperature	N/D
Decomposition temperature	N/D
Viscosity	N/D

## SECTION 10: STABILITY AND REACTIVITY

Chemical stability	This product is stable under normal storage conditions.
Possible hazardous reactions	None known.
Conditions to avoid	Temperatures greater than 122°F and sources of ignition. Avoid use in confined areas. Avoid incompatibles.
Hazardous decomposition products	Oxides of carbon
Incompatible materials	Strong acids, strong alkalis, strong oxidizing agents, chemically active metals, such as aluminum, barium, lithium, sodium, magnesium, potassium, titanium, beryllium, concentrated nitric acid, some plastics, rubbers, and coatings.

## SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	Acetone (67-64-1): LD50 (Oral, Rat) 5800 mg/kg; LD50 (Dermal, Rabbit) 5000 mg/kg; LC50 (Inhalation, Rat, 4hr) 20 mg/L. n-Butane (106-97-8): LC50 (Inhalation, Rat, 4h) 30957 mg/m <sup>3</sup> . Isopropyl alcohol (67-63-0): LD50 (Oral, Rat) 5045 mg/kg; LD50 (Dermal, Rabbit) 12870mg/kg; LC50 (Inhalation, Rat, 4h) 78.6 mg/L. Propane (74-98-6): LC50 (Inhalation, Rat, 4h) 658 mg/L. 2-Butoxyethanol (111-76-2): LD50 (Oral, Rat) 320 mg/kg; LD50 (Dermal, Rabbit) 440mg/kg; LC50 (Inhalation, Mice, 4h) 700 ppm. Diethylene glycol (111-46-6): LD50 (Oral, Rat) 25,300 mg/kg; LD50 (Oral, Human) 1,000 mg/kg; LD50 (Dermal, Rabbit) 12,500 mg/kg; LC50 (Inhalation, Rat) > 1,172 ppm.
Routes of entry	Eyes, ingestion, inhalation, skin
Eyes	Redness, irritation, causes temporary corneal opacity.
Ingestion	May cause gastrointestinal irritation, nausea, vomiting, dizziness.
Inhalation	May cause dizziness, nausea, central nervous system effects.
Skin	May cause irritation, redness, and dermatitis.
Medical condition aggravated	Pre-existing skin and respiratory disorders.
Acute health hazards	Causes eye irritation including redness, tearing, and pain. Prolonged contact with skin may cause irritation. May cause respiratory irritation and central nervous system (CNS) depression. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Chronic health hazards	Respiratory disease and dermal related medical conditions. Kidney and liver damage possible.
Carcinogenicity	OSHA: No ACGIH: No NTP: No IARC: No OTHER: N/A

## SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity	Acetone (67-64-1): LC50 (Oncorhynchus mykiss, 96h) 5540 mg/L; EC50 (Daphnia magna, 48h) 6100 mg/L; EC50 (Selenastrum quadricauda, 8d) 7500 mg/L; EC50 (Psuedomonas putida, 16h) 1700 mg/L. Isopropyl alcohol (67-63-0): LC50 (Fish, 96h): > 100 mg/L; LC50 (Fathead minnow, 96h) 9640 mg/L; EC50 (Daphnia, 24h) 5102 mg/L. Diethylene glycol (111-46-5): LC50 (Bluegill sunfish) > 1000 mg/L.
Persistence and degradability	Component or components of this product are not biodegradable.
Bioaccumulative potential	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other adverse effects	None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Disposal instructions                      Dispose of contents in accordance with federal, state and local regulations. Do not dump in sewers.

RCRA Status                                      Waste likely considered D001 (Ignitable waste), under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION 14: TRANSPORT INFORMATION**

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.  
 HAZARD CLASS/DIVISION: 2.1  
 UN/NA NUMBER: UN 1950  
 PACKING GROUP: N/A

**AIR SHIPMENT**

PROPER SHIPPING NAME: Aerosols, flammable  
 HAZARD CLASS/DIVISION: 2.1  
 UN/NA NUMBER: UN 1950  
 PACKING GROUP: N/A

**SHIPPING BY WATER:**

VESSEL (IMO/IMDG)  
 PROPER SHIPPING NAME: Aerosols  
 HAZARD CLASS/DIVISION: 2.1  
 UN/NA NUMBER: UN 1950  
 PACKING GROUP: N/A  
 ENVIRONMENTAL HAZARDS WATER: N/A

**SECTION 15: REGULATORY INFORMATION**

TSCA Status: All chemicals are listed or exempt

CERCLA (Comprehensive response compensation, and liability act):   Acetone (67-64-1) Reportable Quantity = 5,000 pounds.

SARA 311/312 HAZARD CATEGORIES: Flammable (gases, aerosols, liquids, solids). Gas under pressure. Serious eye damage or eye irritation. Specific target organ toxicity (single or repeated exposure).

SARA 313 REPORTABLE INGREDIENTS: None.

CLEAN WATER ACT: Acetone (67-64-1) is a hazardous substance.

STATE REGULATIONS: California Proposition 65: This product contains no known chemicals regulated by California Proposition 65. Acetone (67-64-1): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CA, DE, ID, ME, MA, MN, NJ, PA, RI, WA. Isopropyl alcohol (67-63-0): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: CT, FL, IL, MN, NJ, PA, RI, TN. 2-Butoxyethanol (111-76-2): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI. Diethylene glycol (111-46-6): Included on State Hazardous Substances Inventories, Right-to-Know lists and/or Air Quality or Air Pollutants lists for the following states: PA, RI.

INTERNATIONAL REGULATIONS: No information available.

VOLATILE ORGANIC COMPOUNDS (VOC): 51%

NFPA Health:	1	HMIS Health	1
NFPA Flammability	3	HMIS Flammability	3
NFPA Reactivity	0	HMIS Reactivity	0
NFPA Other	None	HMIS Protection	B

## SECTION 16: OTHER INFORMATION

**Important Note:** *To be the best of our knowledge, the information contained herein is accurate. However there is no assumption of liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Since the conditions of handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, the manufacturer/supplier will not be responsible for loss, injury, or expense arising out of the products improper use. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.*

\*\*\*End of SDS\*\*\*