

SAFETY DATA SHEET



SECTION 1: IDENTIFICATION

COMPANY NAME:	AMERICAN INDUSTRIES, INC.	PRODUCT NAME:	RUSTINATOR
ADDRESS LINE 1:	4300 Kahn Drive, Box 1405	PRODUCT CODE:	2376 & 3071
ADDRESS LINE 2:	Lumberton, NC 28359-1405 USA	PRODUCT USE:	Rust Converter / Protective Coating
TELEPHONE NUMBERS:	800-753-5153 (or) 910-738-7224	SDS FILE ID:	2376.03
EMERGENCY PHONE:	CHEMTREC 1-800-424-9300	SDS DATE:	2015-06-01
		REPLACES VERSION DATED:	2012-08-20 and all prior versions

SECTION 2: HAZARDS IDENTIFICATION

Classification: Eye Irritant: Category 2b

Signal word: Warning

Hazard statement: Causes eye irritation.
This product contains the following percentage of chemicals of unknown toxicity: 35%

Precautionary statement: Wash hands thoroughly after handling. 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 attention.

Symbol: N/A

Hazard(s) not otherwise classified (HNOC) N/A

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical name</u>	<u>CAS number</u>	<u>%</u>
2-Butoxyethanol	111-76-2	
Tannic Acid	1401-55-4	3-7%

SECTION 4: FIRST AID MEASURES

Eyes: 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.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention.

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

Skin: If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

Acute health hazards: None Known

Chronic health hazards: None Known

Note to physician: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing media Carbon dioxide, foam, and water fog or spray.

Unsuitable extinguishing media N/A

Special 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 None known.

Hazardous combustion products Oxides of carbon.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal protective equipment	Refer to Section 8 for proper Personal Protective Equipment.
Spill	Use non-combustible material like vermiculite, sand or earth on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling	Store in a cool, dry area. Gloves and clothing to cover exposed skin recommended when handling. Wash clothing after handling avoid extremes of cold and heat.
Other precautions	Keep out of the reach of children.
Incompatibility	Some plastics and painted surfaces, pre-test before using.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Hazardous Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
2-Butoxyethanol	50 ppm	20 ppm
Tannic Acid	Not Established	Not Established
Engineering controls/Ventilation	Ambient ventilation suitable, forced ventilation should not be required	
Respiratory protection	Not required with normal use.	
Personal protective equipment	Wear safety glasses and protective gloves.	
Additional Measures Exposure Guidelines	Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. N/A	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid.
Odor	Solvent
Odor threshold	N/D
Boiling point	> 212°F (100°C)
Freezing Point	N/D
Flammability	Not considered a flammable liquid by OSHA (29CFR 1910.1200)
Flash point	N/D
Auto-ignition temperature	N/D
Upper/lower flammability limits	Lower: N/D Upper: N/D
Vapor Pressure (mmHg)	23.8 @ 77°F (25°C)
Vapor density (Air = 1)	1
Evaporation Rate	> 1
Specific Gravity (H2O=1)	1.025 @ 77°F (25°C)
pH	< 2
Solids (%)	38%
Solubility in Water	Non-soluble
Partition Coefficient: n-Octanol/water (K _{ow})	N/D
Volatility including water (%)	60%
VOC	2%
Dielectric Strength (Volts)	N/A
Decomposition Temperature	N/D
Viscosity	N/D

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Iron oxides and other metals.
Chemical stability	Stable.
Conditions to avoid	Extremes of hot and cold.
Incompatibility	Some plastics and painted surfaces, pre-test before using
Hazardous decomposition or by-products	Oxides of carbon.
Possible hazardous reactions	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological information	2-Butoxyethanol (111-76-2) LD50 (Oral, Rat) 470 mg/kg; LC50 (Inhalation, Rat, 4hr) 450 ppm; LD50 (Dermal, Rabbit) 220 mg/kg
Routes of Entry	Eyes, Ingestion, Inhalation, Skin.
Eyes:	Redness, irritation, causes temporary corneal opacity.
Ingestion:	Nausea.
Inhalation:	Harmful if inhaled.
Skin:	May cause mild irritation, dryness with prolonged or repeated contact.
Medical condition aggravated	None known.
Acute health hazards	None known.
Chronic health hazards	None known.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Ecological information	2-Butoxyethanol (111-76-2) Toxic to aquatic life only in high concentrations, lethal concentrations not available.
Biodegradability	Component or components of this product are not biodegradable.
Bioaccumulation	This product is not expected to bioaccumulate.
Mobility in soil	This product is mobile in soil.
Other ecological hazards	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal	Dispose of in accordance with federal, state, and local regulations.
RCRA Status	Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION 14: TRANSPORT INFORMATION

DOT	
Proper shipping name	Cleaning Compound, N.O.S. Non-Regulated
Hazard class/division	8
UN/NA number	N/A
Packing group	None

SECTION 15: REGULATORY INFORMATION

TSCA Status: All chemicals are listed or exempt.
CERCLA (Comprehensive response compensation, and liability act): None.
SARA 311/312 Hazardous categories:
SARA 313 reportable ingredients: 2-Butoxyethanol (111-76-2)
Clean Water Act: None
US State Regulations: This product contains no known chemicals regulated by California's proposition 65.
2-Butoxyethanol (111-76-2) RTK: NJ, MA, PA
International inventories: All components are listed or exempt.

SECTION 16: OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

HMIS RATING:	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0

N/A = Not Applicable; N/D = Not Determined

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