

WASH SAFE Rust Off

MATERIAL SAFETY DATA SHEET

Section I - Identification

Manufacturer's Name **WASH SAFE INDUSTRIES, Inc.**
Manufacturer's Address 139 Queen Anne Rd UNIT 1 Harwich MA 02645
Manufacturer's Phone Number (508) 896-3383
Emergency Phone Number 1-(508)-896-3383
Product information Call (508) 896-3383
Effective Date 12/17/2009
Chemical Name WASH SAFE Rust Off
DOT Shipping Description Compound Cleaning, Not Regulated
Chemical Family Acidic cleaning compound
Chemical Comment This product does not have any chemicals reportable under Section 313 of Title III of SARA.
Chemical Formula Mixture of acids and wetting agents

Section II - Hazardous Ingredients

<u>Hazardous Components</u>	<u>CAS Number</u>	<u>Hazardous %</u>	<u>TLV (Units)</u>
Ammonium Bifluoride	1341-49-7	5.0-15.0%	2.5 mg/m ³
Oxalic Acid	144-62-7	1.0-10.0%	1 mg/m ³

Section III - Physical Data

Boiling Point (°F) 212
Volatility/VOL (%) <83.0
Melting Point (°F) N/A
Vapor Pressure (mm Hg) N/A
Vapor Density (Air = 1) N/A
Solubility In H₂O Complete
Appearance/Odor Water white liquid
Specific Gravity (H₂O = 1) 1.04
Evaporation Rate N/A
pH 4.4

Section IV - Fire & Explosion Hazard Data

Flash Point (°F) Non-flammable
Lower Flame Limit N/A
Higher Flame Limit N/A
Extinguish Media Use water spray, chemical foam, carbon dioxide, or dry chemical.
Special Fire Fighting Procedures Use extinguishing media applicable to primary source of fire.

Unusual Fire Hazard	None
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Section V - Health Hazard Data

Routes of Entry	Ingestion
Health Hazards	Irritation
NTP	No
IARC Monographs	No
OSHA Regulated	No
Threshold Limit Value	Not established for this product - see Section II for TLV of hazardous ingredients.

Over Exposure Effects

Eye Contact: Burning or irritation of eyes.

Skin Contact: No effects of exposure expected due to contact. Product may cause irritation or dermatitis in some individuals upon prolonged contact.

Inhalation: If misted, products may cause irritation of mucous membranes of the nose, eyes or throat and coughing or difficulty in breathing.

Ingestion: Possible irritation to mucous membranes of the mouth, throat, esophagus, and stomach.

First Aid

Eye Contact: Flush immediately with plenty of water for at least 15 minutes and see a physician.

Skin Contact: Remove contaminated clothing and shoes and wash skin thoroughly with soap and water. If irritation persists, see a physician.

Ingestion: Get medical attention immediately. Give large quantities of water or milk. Never give anything by mouth to an unconscious person. Do not induce vomiting!

Inhalation: Remove to fresh air, for breathing difficulty, give oxygen or artificial respiration.

Section VI - Reactivity Data

Chemical Stability	Stable
Conditions To Avoid	Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to handle this product without proper training and/or protective equipment.
Incompatible Materials	Metals, glass, cement, silicon compounds
Decomposition Products	Gives off toxic HF gas if boiled.
Hazardous Polymerization	Will not occur.
Polymerization Avoid	Not applicable

Section VII - Spill Or Leak Procedure

For Spill	Absorb with inert material and dispose of in accordance with applicable regulations.
Waste Disposal Method	Dispose of in accordance with local, state and federal regulations.

Section VIII - Special Protection

Respiratory Protection	Use a NIOSH/OSHA approved mask when spray mist is present and/or the TLV has been exceeded.
Ventilation	Mechanical or general ventilation when using the product.
Protective Gloves	Rubber gloves
Eye Protection	Safety goggles
Other Protection	Rubber or plastic apron, eyewash or shower immediately available.

Section IX - Special Precautions

Label Summary	HMIS
Health Hazard	1
Flammability	0
Reactivity	0
Personal Protection	B
Handling & Storage	Keep out of reach from children. For industrial or institutional use only. Keep in a dry place.