

SEI Chemical  
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Product: **SEI MASONRY RUST REMOVER**  
Product ID No.: AR-103  
Material Safety Data Sheet

This Material Safety Data Sheet (MSDS) contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this MSDS must be given to the buyer or the information incorporated in your MSDS.

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

## SECTION 2 PRODUCT COMPONENTS

INGREDIENTS	CAS#.	WT. %	EXPOSURE LIMITS
Ammonium Bifluorite	1341-49-7	20-30	2.5 mg/m <sup>3</sup> TWA OSHA PEL (as Fluoride) 2.5 mg/m <sup>3</sup> TWA ACGIH TLV (as Fluoride)
Phosphorous Emulsion	7664-38-2	1-10	1 mg/m <sup>3</sup> TWA OSHA PEL 1 mg/m <sup>3</sup> TWA ACGIH TLV 3 mg/m <sup>3</sup> STEL (ACGIH)

## SECTION 3: HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

This product is an orange liquid with no odor.

### HEALTH HAZARDS:

INHALATION: Low toxicity excessive exposure may cause irritation.

SKIN CONTACT: Low toxicity excessive exposure may cause irritation.

EYE CONTACT: Low toxicity excessive exposure may cause irritation.

INGESTION: Swallowing may cause nausea. Give milk, chewable calcium carbonate tablets or milk of magnesia. Do not induce vomiting.

## SECTION 4 EMERGENCY and FIRST AID PROCEDURES

EYE CONTACT: Flush eye with water for at least 15 minutes while lifting the upper and lower lids.

## SECTION 5 FIRE and EXPLOSION HAZARD DATA

FLASH POINT: Non-flammable

FLAMMABLE LIMITS: (vol % in air) LEL – N/A UEL – N/A

AUTOIGNITION TEMPERATURE: Not applicable

EXTINGUISHING MEDIA: Use any media appropriate for surrounding fire.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Contact with alkalis and metals may evolve flammable hydrogen gas.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear clothing and equipment. Dike spill and prevent spill from entering sewers and waterways. Collect into appropriate containers for disposal with an absorbent. Wash spill area with water. Report spill as required by local and federal regulations.

## SECTION 7 HANDLING and STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Protect containers from physical damage. Store in a cool, well ventilated area away from alkalis and acids. Do not store in metal containers.

Prevent eye and skin contact. Remove and launder contaminated clothing before re-use.

## SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION

RESPIRATORY PROTECTION: For large spray applications a facepiece is suggested,

VENTILATION: For excessive internal operations, mechanical ventilation such as local exhaust may be needed to maintain exposure levels below applicable limits.

GLOVES: Optional

## SECTION 8 EXPOSURE CONTROLS and PERSONAL PROTECTION (continued)

PROTECTIVE CLOTHING: Full clothing is recommended if needed to prevent excessive contact.

EYE PROTECTION: Goggles are recommended to prevent excessive eye contact

## SECTION 9 PHYSICAL and CHEMICAL PROPERTIES

BOILING POINT (@ 760 mmHg): Not available MELTING POINT: Not applicable

SPECIFIC GRAVITY (H<sub>2</sub>O=1): Approximately 1.05 VAPOR PRESSURE: Same as water

VOLATILE: 85-95% VAPOR DENSITY (AIR=1): Not available

EVAPORATION RATE: Same as Water SOLUBILITY IN WATER: Complete

pH: 2.5-3.0 APPEARANCE AND ODOR: Orange liquid with no odor. When the product is applied, VOC

Content: 0%

## SECTION 10 STABILITY and REACTIVITY

STABILITY: This material is stable.

CONDITIONS TO AVOID: Contact with metals and alkalis may release gases.

INCOMPATIBILITY: Avoid acids, alkalis, caustics, sulfides, cyanides, organic peroxides, halogenated organics, sulfur oxides and ammonia. Reacts with acids. Reacts with bases to liberate ammonia.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will not occur

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable.

## SECTION 11 TOXICOLOGICAL INFORMATION

TOXICOLOGY DATA: This product has not been tested as a whole. Toxicity values for the components are:

	<u>LD50</u>	<u>LC50</u>
Ammonium Bifluoride	No data available	No data available

