

MEECO Manufacturing Company, Inc.

SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name FireEx
Product Code 3412, FireEx

MANUFACTURER:
MEECO MFG CO INC
19704 60 th Ave NE Suite 102
Arlington, WA 98223

Contact Information:
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Print Date: 08/01/26



2. HAZARDS IDENTIFICATION

CLASSIFICATION: Carcinogenicity, Category 0 Skin irritation, Category 1
Eye irritation, Category 3 Target organ toxicity (repeated), Category 1

LABELING:



Symbol: None
Signal word: Warning
Hazard statement: Combustion may produce corrosive or toxic fumes.
Precautionary statement: Irritant. Wash skin thoroughly after using.

3. COMPOSITION/HAZARDOUS INGREDIENTS

Ingredient:	CAS #	Percent	Exposure Limits
Ammonium Chloride	12125-02-9	<50	OSHA PEL = Not Established ACGIH TLV = 20mg/m ³
Sodium Nitrate	7631-99-4	<50	OSHA PEL = Not Established ACGIH TLV = None Established
Zinc Powder	7440-66-6	<50	OSHA PEL = Not Established ACGIH TLV = None Established
Sulfur	7704-34-9	<50	OSHA PEL = Not Established ACGIH TLV = None Established

4. FIRST AID MEASURES

Eyes	Irrigate with flowing water immediately and continuously for 15 minutes, lifting the upper and lower eyelids occasionally. Consult medical personnel.
Skin	Wash thoroughly with soap and water for 20 minutes.
Ingestion	Harmful if swallowed. DO NOT INDUCE VOMITING. Contact a physician or poison control center immediately.
Inhalation	May cause irritation to the respiratory tract.

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5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Combustion may produce corrosive and/or toxic fumes.
Flash Point and Method	405°F.
Flammable Limits	Not Applicable.
Autoignition Temperature	Not Applicable.
Extinguishing Media	As appropriate for the surrounding fire.
Fire Fighting Equipment	As appropriate for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures	Absorb any liquid with sand, vermiculite, floor absorbent or other absorbent material; transfer to labeled containers. Spilled material poses no threat to the environment.
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7. HANDLING AND STORAGE

Handling	Use impermeable gloves to prevent prolonged skin contact.
Storage	Store in a cool, dry place away from heat source.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Ventilation	Provide adequate general ventilation and local ventilation to control mist and/or dust levels below the TLV.
Personal Protective Equipment	
Eyes	Wear Safety Goggles.
Skin	Impermeable Gloves.
Inhalation	Dust mask.
Other	Long sleeve clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	631°F.
Vapor Pressure	1.0
Vapor Density	3.0
Solubility in Water	Insoluble
Specific Gravity (H ₂ O = 1)	2.1
Melting Point	Not Applicable.
pH	Not Applicable.

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10. STABILITY AND REACTIVITY

Chemical Stability

Stable.

Incompatible Materials and
Conditions to Avoid

Strong oxidizers, strong acids and chlorate salts.

Hazardous Polymerization

Will not occur.

Hazardous Decomposition

Carbon monoxide, nitrogen oxides, sulfur oxides and zinc oxide fumes.

11. TOXICOLOGICAL INFORMATION

There are no known health effects that can arise from the as-manufactured product. There is no evidence to suggest that the product itself is carcinogenic.

12. ECOLOGICAL INFORMATION

Product poses no threat to the environment if accidentally released on land or into water.

13. DISPOSAL CONSIDERATIONS

Product as-manufactured is not considered a hazardous waste. Customers are advised to evaluate any changes to the product that may occur by the introduction of substances or operating conditions outside the control of the vendor.

14. TRANSPORT INFORMATION

Product is not a DOT Hazardous Material and contains no DOT Hazardous components.

15. REGULATORY INFORMATION

Section 2 lists OSHA exposure limits for chemicals considered by OSHA to be air contaminants.

16. OTHER INFORMATION

Although reasonable care has been taken in the preparation of the information contained herein, MEECO MFG CO INC extends no warranties, makes no representations and assumes no responsibility as to the accuracy or suitability of such information for application to purchaser's intended purposes or for consequences of its use.