



SAFETY DATA SHEET

FIREXO

Compilation date: 22/11/2018

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: FIREXO

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Company name: FIREXO INC
2435 EAST GILL RD PORT
CLINTON
OHIO
43452
USA
Tel: +1 419 573 6001
Email: usa_info@firexo.com

1.4. Emergency telephone number

Emergency tel: +1 419 573 6001

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

SAFETY DATA SHEET

FIREXO

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

AMMONIUM SULFATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	7783-20-2	Substance with a Community workplace exposure limit.	-	1-10%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove contaminated clothing and wash skin with soap and water.
Get medical attention if any discomfort continues unless stuck to skin.

Eye contact: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Give plenty of water to drink. Get medical attention if any discomfort continues.

Inhalation: Move affected person to fresh air. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: Can be irritating to skin.

Eye contact: Can cause eye irritation.

Inhalation: May cause respiratory system irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

SAFETY DATA SHEET

FIREXO

5.1. Extinguishing media

Extinguishing media: N/A

5.2. Special hazards arising from the substance or mixture

Exposure hazards: N/A

5.3. Advice for fire-fighters

Advice for fire-fighters: The product is developed for use in fire-fighting situations.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust and contact with eyes. Provide adequate ventilation.

6.2. Environmental precautions

Environmental precautions: Avoid discharge into water courses or onto the ground where possible. Wash spillage site with water.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Wash the spillage site with water for safe waste disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance where possible.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

SAFETY DATA SHEET

FIREXO

Hazardous ingredients:

AMMONIUM SULFATE

Type	Exposure	Value	Population	Effect
DNEL	Dermal	42.7	Workers	Systemic
DNEL	Inhalation	11.17	Workers	Systemic
DNEL	Oral	6.4	Consumers	Systemic
DNEL	Dermal	12.8	Consumers	Systemic
DNEL	Inhalation	1.67	Consumers	Systemic
PNEC	Fresh water	0.321	-	-
PNEC	Marine water	0.312	-	-
PNEC	Soil (agricultural)	62.6	-	-
PNEC	Marine sediments	0.063	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: N/A.

Hand protection: Wear impermeable gloves where possible.

Eye protection: Wear Safety glasses where possible.

Skin protection: Wear protective clothes to prevent possibility of skin contact where possible.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Viscosity: Non-viscous

Boiling point/range°C: >35

Flash point°C: >93

pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

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SAFETY DATA SHEET

FIREXO

10.4. Conditions to avoid

Conditions to avoid: Avoid storing in excessive heat or cold for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: N/A

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients: Ammonium Sulfate

ORL	RAT	LD50	53	mg/kg
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Symptoms / routes of exposure

Skin contact: Can be irritating to skin.

Eye contact: Can cause eye irritation.

Ingestion: May cause discomfort if swallowed.

Inhalation: May cause respiratory system irritation.

Delayed / immediate effects: There is no further information at this time.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity ingredients:

AMMONIUM SULFATE

FISH	96H LC50	53	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

SAFETY DATA SHEET

FIREXO

12.4. Mobility in soil

Mobility: Readily absorbed into soil, Soluble in water. Non-volatile.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: If unused. Transfer to a suitable container and arrange for collection by suitable disposal company.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

* indicates text in the SDS which has changed since the last revision.

Phrases used: **Skin contact:** Can / May be irritating to skin.
Eye contact: Can / **May** cause serious eye irritation.
Inhalation: **Can** / May cause respiratory system irritation

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.