



1110 E 9th Street • Stromsburg, NE 68666

402-764-2221 • Fax 402-764-2250

SAFETY DATA SHEET

Section 1: Identification

Product Name: THE XTRA FACTOR 2X

Manufactured for and Distributed by: XF-Nebraska
Division of XF Enterprises
1110 E 9th Street
Stromsburg, NE 68666 USA
402-764-2221

Product Use: A Mineral Supplement for Animal Feed

Section 2: Hazard Identification

Physical hazards: Not classified
Health hazards: Not classified
Environment hazards: Not classified
OSHA defined hazards: Not classified

Label elements:
Hazard symbol: None
Precautionary statement: THE XTRA FACTOR 2X contains copper. Consult with a nutritionist before feeding to sheep.

Section 3: Composition – Information on ingredients

Ingredient (Chemical Name)	CAS number
Sodium Sulfate	7757-82-6
Calcium Carbonate	1317-65-3
Sodium Bentonite	85049-30-5
Magnesium Sulfate	7487-88-9
Potassium Sulfate	7778-80-5
Dicalcium Phosphate	12380-93-7
Sodium Bentonite	85049-30-5
Manganese Sulfate	7785-87-7
Ferrous Sulfate	7720-78-7
Magnesium Oxide	1309-48-4
Zinc Sulfate	7733-02-0
Copper Sulfate	12400-75-8
Cobalt Sulfate	10124-43-3
Iron Oxide	1332-37-2
Mineral Oil	8042-47-5

Section 4: First-Aid Measures

Inhalation: Respiratory irritation could be expected, therefore provide adequate ventilation and wear NIOSH approved respiratory protection as recommended to minimize exposure when working with the product. If inhalation does occur go to an area of fresh air, restore breathing and seek medical attention if symptoms develop and persists.

Eye Contact: Eye irritation could be expected, therefore wear goggles or appropriate eyewear to prevent contact. If contact with eyes occur, flush eyes with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

Skin Contact: Skin irritation could be expected, therefore wear appropriate protective clothing and gloves to protect the skin. Wash residual material from the skin using soap and water. Seek medical attention if irritation develops and persists.

Ingestion: May be harmful if swallowed, therefore do not take this product internally as vomiting, nausea, chills and diarrhea may occur. If accidental ingestion occurs, dilute by drinking water or milk. Seek medical attention and provide product label to doctor.

Effects of Overexposures- Long -Term: Not available at this time. Wash hands and clothing thoroughly after handling is recommended.

Section 5: Fire-Fighting Measures

Flash Point:	Not available
Flammability Classification:	Not available
Extinguishing Media: Protective Equipment:	Water or any media suitable for extinguishing surrounding fire. Self-contained breathing apparatus and full protective clothing must be worn when trying to extinguish a fire.
General Hazards:	If water is used for fire and heat suppression, it may become contaminated with soluble and/or insoluble components. Discharge to sewer system(s) or the environment may be restricted, thus requiring containment and proper disposal.
Unusual Hazards:	None known

Section 6: Accidental Release Measures

General considerations:	Wear proper protective gear as described in section 8.
Spills and Leaks:	Report spills and leaks to management. Vacuum or sweep material into a closed container for disposal.
Special considerations:	If water is used for cleanup, it may become contaminated with soluble and/or insoluble components. Discharge to sewer system(s) or the environment may be restricted, thus requiring containment and proper disposal. See section 13.

Section 7: Handling and Storage

Precautions for Handling:	Avoid prolonged and unprotected exposure. Do not take this product internally. Do not breath the dust from this product. Avoid contact with the eyes, skin and clothing. Use with adequate ventilation. Wash thoroughly after handling. Keep away from children. Wearing protective equipment to protect respiratory, eyes and skin is recommended when handling mineral salts. This product is to be used for the manufacture of animal feed and not for human consumption. Observe good industrial hygiene practices.
Storing:	Store in a cool dry area and keep containers tightly closed when not in use.

Section 8: Exposure Controls & Personal Protection

Occupational Exposure Limits:

US. OSHA Table Z-1 Limits for Air Contamination (29 CFR 1910.1000)

Ingredient	CAS number	mg/m ³
Sodium Sulfate	7757-82-6	NA
Calcium Carbonate	1317-65-3	5
Sodium Bentonite	85049-30-5	NA
Magnesium Sulfate	7487-88-9	NA
Potassium Sulfate	7778-80-5	NA
Dicalcium Phosphate	12380-93-7	NA
Sodium Bentonite	85049-30-5	NA
Manganese Sulfate	7785-87-7	NA
Ferrous Sulfate	7720-78-7	NA
Magnesium Oxide	1309-48-4	15
Zinc Sulfate	7733-02-0	NA
Copper Sulfate	12400-75-8	NA
Cobalt Sulfate	10124-43-3	NA
Iron Oxide	1332-37-2	NA
Mineral Oil	8042-47-5	5

Biological Limit Values: No biological limits noted for the ingredients

Engineering Controls: Good general ventilation should be used, typically 10 air exchanges per hour. Ventilation rates should be matched to conditions so as to maintain airborne levels below recommended exposure limits.

Respiratory Protection: NIOSH approved is recommended

Protective Clothing: Recommended

Eye and Face Protection: Recommended

Section 9: Physical and Chemical Properties

Appearance:		Boiling Point (°F):	Not Applicable
Form:	Dry Powder	Evaporation Rate:	Not Applicable
Color:	Off-White	Vapor Pressure:	Not Applicable
Odor:	Not Distinguishable	Specific Gravity:	Not Applicable
pH:	Not Available	Bulk Density:	Not Available
Vapor Density:	Not Applicable	Solubility:	Partially Water Soluble

Section 10: Stability and Reactivity

Chemical Stability:	Stable under and non-reactive under normal conditions of use, storage and transport.
Possible Hazards:	None known
Conditions to Avoid:	None known
Incompatible Materials:	None known
Hazardous Decomposition:	None known
Hazardous Polymerization:	None known

Section 11: Toxicological Information

Ingestion: May be harmful if swallowed, therefore do not take this product internally as vomiting, nausea, chills and diarrhea may occur. If accidental ingestion occurs, dilute by drinking water or milk. Seek medical attention and provide product label to doctor.

Inhalation: Respiratory irritation could be expected, therefore provide adequate ventilation and wear NIOSH approved respiratory protection as recommended to minimize exposure when working with the product. If inhalation does occur go to an area of fresh air, restore breathing and seek medical attention.

Eye Contact: Eye irritation could be expected, therefore wear goggles or appropriate eyewear to prevent contact. If contact with eyes occur, flush eyes with water for at least 15 minutes. Seek medical attention if irritation is evident.

Skin Contact: Skin irritation could be expected, therefore wear appropriate protective clothing and gloves to protect the skin. Wash residual material from the skin using soap and water. Seek medical attention if irritation persists.

Effects of Overexposures- Long -Term: Not available at this time. Wash hands and clothing thoroughly after handling is recommended.

Mutagenicity: Not Available

Carcinogenicity: Not Available

Reproductive Toxicity: Not Available

Section 12: Ecological Information

Ecotoxicity:	This product is not classified as environmentally hazardous.
Persistence and Degradability:	No data available
Bioaccumulative Potential:	No data available
Mobility in the Soil:	No data available

Section 13: Disposal Considerations

Waste Disposal Method: Dispose of excess material and packaging in an approved solid waste disposal area per current local regulations.

Section 14: Transport Information

DOT: This product is not DOT regulated.
Shipping Name: Not available
Hazard Class: Not available
Packing Group: Not available

Section 15: Regulatory Information

OSHA – Ingredients in this product are not classified as hazardous (29 CFR1910.1200) and therefore are not regulated (29 CFR 1910.1001-1050).

Section 16: Additional Information

Date of Issue: December 2, 2020

Version #: 03

Disclaimer: XFE Products believes that the information contained herein is accurate based upon the information provided to us at the date of issue. The information provided is to serve only as a guide for safe handling, use, storage and disposal of the product. XFE Products cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with this product, may be used. It is the users' responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. This product should be used, stored and discarded in a way that does not violate Federal, State or local laws.