



Safety Data Sheet

Strexxa

OSHA HCS 2024
Canadian Workplace Hazardous Material Information System (WHMIS) 2015 rev 2022
Mexico NOM-018-STPS-2000; NOM-018-STPS-2015
GHS (Globally Harmonized System)

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

1.1. Product identifier

Product name Strexxa
Pure substance/mixture Mixture

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

Recommended use Liquid Fertilizer. Agricultural use.
Uses advised against None known

1.3. Details of the supplier of the safety data sheet

Company: Miller Chemical and Fertilizer, LLC
 120 Radio Rd
 Hanover, PA 17331
 Tel.: 717-632-8921
 Fax.: 717-646-1104

Internet <http://www.millerchemical.com>

E-mail info@millerchemical.com

1.4. Emergency telephone number CHEMTREC: +1 800 424 9300 or International 1+703-527-3887

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

OSHA Regulatory Status	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
GHS Classification	This product is not classified as hazardous according to the UN GHS guideline and labeling is not required

2.2. Label elements

Symbols/Pictograms	None
Signal Word	None
Hazard Statements	None

Precautionary Statements

Prevention	None
Response	None
Storage	None
Disposal	None

Additional information No PBT, vPvB or endocrine harmful material present at greater than 0.1%.

Hazards not otherwise classified (HNOC) None known

Hazards associated with known or reasonably anticipated uses None known

SECTION 3: Composition/information on ingredients

Pure substance/mixture	Mixture
Additional information	This product contains no hazardous chemicals, as defined by OSHA's Hazard Communication Standard (29 CFR 1910.1200), at concentrations at or above applicable threshold levels for disclosure.

SECTION 4: First aid measures**4.1. Description of first aid measures**

General Advice	When possible, have the product container or label with you when calling a poison control center or doctor or going for treatment.
Eye Contact	After contact with the eyes, rinse with water with the eyelids open for at least 10-15

min., then consult an ophthalmologist immediately. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin Contact

Wash with plenty of soap and water. After contact with skin, wash immediately with soap and plenty of water for at least 10-15 min.

Ingestion

Do NOT induce vomiting. Seek immediate medical attention. Do not give anything that is not expressly authorized by your doctor.

Inhalation

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

There are no known episodes of damage to health attributable to the product.

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

No specific treatments related to the product are known. Contact specialized medical personnel.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable Extinguishing Media**

Carbon dioxide (CO₂). Foam. powder, and water.

Unsuitable Extinguishing Media

None known.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases. Burning produces heavy smoke.

5.3. Advice for firefighters**Special protective equipment for firefighters**

Normal clothing for firefighting, such as an open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN 469), flame retardant gloves (EN 659) and fire brigade boots (HO A29 or A30).

Fire-fighting measures

Cool the containers with jets of water.

Always wear full fire protection equipment.

Collect the extinguishing water which must not be fed into the sewers.

Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and**

Wear personal protection equipment. Remove persons to safety. See protective measures under sections 7 and 8.

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emergency procedures**For non-emergency personnel** Keep unauthorized personnel away.**For emergency responders** Keep unauthorized personnel away. Use personal protection recommended in Section 8.**6.2. Environmental precautions** Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand.**6.3. Methods and material for containment and cleaning up**
For containment:
Collect the product for re-use, if possible, or for disposal. For recovery or disposal, vacuum or clean and place in appropriate labeled containers.
For cleaning up:
Provide sufficient ventilation of the place affected by the leak. Disposal of contaminated material must be carried out in accordance with the provisions of section 13. Clear spills immediately**6.4. Reference to other sections** See Section 8 for exposure controls and personal protection. See Section 13 for additional waste treatment information.**SECTION 7: Handling and storage****7.1. Precautions for safe handling** Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment outside the indicated uses. Avoid contact with skin and eyes, inhalation of vapors and mists. See also section 8 for recommended protective equipment. Advice on general occupational hygiene: Do not eat, drink or smoke when using this product. Wash hands after use. Contaminated clothing should be changed before entering eating areas.**7.2. Conditions for safe storage, including any incompatibilities** Keep the product in clearly labeled containers. Store with care and attention, avoiding precarious storage. Keep the containers closed in a well-ventilated place. Store the containers in a dry place away from sunlight or other atmospheric agents. Keep away from food, drink and feed.**Suitable container/equipment material** Cool and adequately ventilated.**Incompatible materials** See Section 10.**7.3. Specific end use(s)** See Section 1.2.**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Occupational exposure limits** No information available**Biological Limit Values** No information available

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8.2. Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye/Face Protection Always wear eye protection when working with chemicals. Safety glasses.(see standard EN 166)

Skin and Body Protection Wear suitable protective clothing. Disposable suit.(see standard EN 13034)
Safety shoes.(see standard UNI EN ISO 20345)

Hand Protection For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn. One-time gloves.Suitable material:NBR (nitrile rubber).(see standard EN 374)
Wash hands before eating, drinking or smoking.

Respiratory Protection In case of inadequate ventilation wear respiratory protection. Avoid inhaling the product. Provide adequate ventilation Good local ventilation and a good general air exchange system must be ensured.

Thermal hazards None known.

Environmental Exposure Controls Use according to good working practices, avoiding to disperse the product in the environment.
Do not discharge the product into the sewers.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:

Physical State	Liquid
Color	Brown
Odor	Not relevant
pH:	5.0 @ 20 °C
Melting point / Freezing point	Not relevant
Boiling Point / Boiling Range	Boiling point higher than the temperature range of use of the product.
Freezing Point	Freezing point lower than the temperature range of use of the product
Flash Point	Not determined
Evaporation Rate	Not determined
Flammability	Not flammable
Vapor Pressure	Not relevant
Relative Vapor Density	Not relevant
Density	1.21 kg/L (20 °C)
Water Solubility	Soluble
Partition coefficient	No information available
Autoignition Temperature	Not flammable
Decomposition Temperature	Decomposition temperature higher than the temperature range of use of the product.
Viscosity	No information available.
Kinematic viscosity	Not relevant
Oxidizing Properties	Not applicable
Particle Characteristics	No information available
Percent Volatile	Not determined
VOC Content (%)	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No data available

9.2.2. Other safety characteristics

Conductivity (25°C): 2.8 mS/cm (sol. 1% w/w)

SECTION 10: Stability and reactivity

10.1. Reactivity	Stable under normal conditions
10.2. Chemical stability	Stable under normal conditions
10.3. Possibility of hazardous reactions	No specific hazard known
10.4. Conditions to avoid	Stable under normal conditions
10.5. Incompatible materials	None known
10.6. Hazardous decomposition products	According to the data in our possession, no one in particular to report.

SECTION 11: Toxicological information

General Information Users are advised to consider national Occupational Exposure Limits or other equivalent values.

Information on Likely Routes of Exposure

Inhalation	Not classified
Skin	Not classified
Eyes	Not classified
Ingestion	Not classified

11.1. Information on toxicological effects

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Acute Toxicity	Not classified. Based on available data, the classification criteria are not met.
Respiratory Sensitization	Not classified. Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Not classified. Based on available data, the classification criteria are not met.
Skin Corrosion/Irritation	Not classified. Based on available data, the classification criteria are not met.
Skin Sensitization	Not classified. Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Not classified. Based on available data, the classification criteria are not met.
Reproductive Toxicity	Not classified. Based on available data, the classification criteria are not met.
Carcinogenicity	Not classified. Based on available data, the classification criteria are not met.
Specific target organ toxicity - Single exposure	Not classified. Based on available data, the classification criteria are not met.
Specific target organ toxicity - Repeated exposure	Not classified. Based on available data, the classification criteria are not met.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties	No endocrine disruptors present in concentrations \geq 0.1%
11.2.2. Other information	Not applicable

SECTION 12: Ecological information

12.1. Toxicity	Adopt good working practices, so that the product is not released into the environment. Not classified for environmental hazards Based on available data, the classification criteria are not met
12.2. Persistence and degradability	No data available
12.3. Bioaccumulative potential	No data available
12.4. Mobility in soil	No data available
12.5. Results of PBT and vPvB assessment	vPvB Substances: None PBT Substances: None
12.6. Endocrine disrupting properties	No endocrine disruptors present in concentrations $\geq 0.1\%$
12.7. Other Adverse Effects	None known

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Methods	Do not dispose of unused product or container into the environment. The hazard of waste containing the product must be assessed according to applicable laws. Disposal should be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.
Contaminated Packaging	Contaminated packaging must be sent for recovery or disposal in accordance with national waste management regulations.

SECTION 14: Transport information

Mode of Transportation (Road, Water, Air, Rail)

TDG -Canada	Not regulated
DOT	Not regulated
ADR	Not regulated
RID	Not regulated
ADN	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated
ICAO	Not regulated

14.1. UN number or ID number	None
14.2. UN proper shipping name	None

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- 14.3. Transport hazard class(es) None
- 14.4. Packing group None
- 14.5. Environmental hazards No
- 14.6. Special precautions for user Not applicable

14.7. Maritime transport in bulk according to IMO instruments
Not applicable

SECTION 15: Regulatory information

Global Inventories

Pure substance/mixture Mixture

Y: Complies ; A: Active ; - / N: Exempt / Not Listed

EPA

SARA 313
Not regulated

SARA 302
Not regulated

SARA 304
Not regulated

SARA 311/312 Hazardous Categorization
None

CWA (Clean Water Act)
Not regulated

CAA (Clean Air Act)
Not regulated

U.S. State Right-to-Know Regulations

Y: Listed ; N: Not Listed

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)
This product does not contain any Proposition 65 chemicals

CANADA

WHMIS

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

SECTION 16: Other information

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Reason for Version

New Format. OSHA (Occupational Safety and Health Administration of the US Department of Labor).

Abbreviations and acronyms

OSHA (Occupational Safety and Health Administration of the US Department of Labor)
WHMIS (Workplace Hazardous Materials Information System)
GHS (Globally Harmonized System)
IARC (International Agency for Research on Cancer)
PPE (Personal Protection Equipment)
TWA (Time-Weighted Average)
TLV® (Threshold Limit Value)
STEL (Short Term Exposure Limit)
RQ (Reportable Quantity) (RQ/% in mixture)
DOT (Department of Transportation)
TDG (Transport of Dangerous Goods) Canada
IATA (International Air Transport Association)
IMDG (International Maritime Dangerous Goods)
ICAO (International Civil Aviation Organization)

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet