



Section 01 - Product and company identification

Identification of the company: Prairie Mud Service
738 6th St. Estevan, Sk. S4A 1A4
306-634-3411

Trade name: W-F-1-A
Material number: 100005232
Chemical family: Mixture
Primary product use: Oxygen scavenger

Section 02 - Hazards identification

Classification:

WHIMIS controlled: yes

Class: E



Corrosive

Risk of serious damage to eyes. May be harmful if swallowed.

Health effects of exposure:

Irritating to skin.

Risk of serious damage to eyes.

May cause respiratory tract irritation.

Ammonium bisulfite: corrosive to skin and eyes. Liquid or spray mist may produce tissue damage particularly on mucous membranes (eyes, mouth and respiratory tract). Skin contact may produce burns. Inhalation of spray mist may produce severe irritation of respiratory tract, characterized by coughing, choking or shortness of breath.

Listed carcinogen: OSHA Specifically Regulated
Chemicals/Carcinogens: Not listed

NTP - National Toxicology Program Report: Notlisted

International Agency for Research on Cancer (IARC) - Overall
Evaluations of Carcinogenicity to Humans.: Not listed

Section 03 - Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration
Ammonium bisulfite	10192-30-0	40 - 70 %

Section 04 - First aid measures

After inhalation:

Move the victim to fresh air.

Give oxygen or artificial respiration if needed.

Get immediate medical advice/ attention.

Never give anything by mouth to an unconscious person.

After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

After contact with eyes:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After ingestion:

Never give anything by mouth to an unconscious person. If swallowed, give large quantities

of water. if vomiting occurs spontaneously, keep airway clear. Seek medical attention immediately.

Advice to doctor / Treatment: None known.

Section 05 - Fire fighting measures

Flashpoint:	> 93 °C
Ignition temperature:	Not applicable
Extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Cool containers/tanks with water spray.
Hazardous combustion products:	In case of fire hazardous decomposition products may be produced such as: Carbon monoxide Carbon dioxide (CO ₂) Emits toxic and corrosive fumes under fire conditions.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wearing appropriate personal protective equipment. Ensure adequate ventilation. For large spills, contain spills with dikes of soil or commercially available diking material and collect into suitable containers for disposal. Smaller spills may be recovered using inert absorbent material (sand, sawdust) and collected into suitable containers. Wash spill area. Do not allow to enter sewers, storm drains, surface waters or the soil. Collect waste in suitable containers, labelled and closable

Section 07 - Handling and storage

Advice on safe handling:

Ensure adequate ventilation.

Avoid breathing vapours.

Avoid contact with skin, eyes and clothing. Wash thoroughly after handling.

Keep container closed.

Further info on storage conditions:

Store in original container.

Store in a cool, well-ventilated area.

Section 08 - Exposure controls /personal protection

Respiratory protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134. For high concentrations as well as firefighting and other emergencies, use positive pressure, self-contained breathing apparatus.
Hand protection:	Chemical resistant gloves
Eye protection:	Tightly fitting safety goggles
Other protective equipment:	Avoid skin contact. Wear suitable protective clothing.
Advice on system design:	Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	yellow, clear
Odor:	of sulphur dioxide
pH:	3.5 - 4.5
Density:	1.3 - 1.4 g/cm ³ (25 °C)
Boiling point :	100 - 103 °C

Section 10 - Stability and reactivity

Chemical stability:	Stable
Hazardous Polymerization:	Hazardous polymerization does not occur.

Section 11 - Toxicological information

Skin irritation:	Corrosive
The product has not been tested. The information is derived from the properties of the individual components.	
Eye irritation:	Corrosive

The product has not been tested. The information is derived from the properties of the individual components.

Sensitization: non-sensitizing

The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

Product information:

Remarks:

Product must not be released into water without pre-treatment.

The product should not be allowed to enter drains, water courses or the soil.

Section 13 - Disposal considerations

Waste disposal information:

Consult local, provincial and federal regulations.

Section 14 - Transport information

TDG

Proper shipping name: Bisulphites, aqueous solution, n.o.s., solution

Class: 8

Packing group: III

UN/ID number: UN 2693

Primary risk: 8

Remarks: Shipment permitted

Hazard inducer(s): Ammonium bisulfite

IATA

Proper shipping name: Bisulphites, aqueous solution, n.o.s., solution

Class: 8

Packing group: III

UN/ID number: UN 2693

Primary risk: 8

Remarks: Shipment permitted

Hazard inducer(s): Ammonium bisulfite

IMDG

Proper shipping name: Bisulphites, aqueous solution, n.o.s., solution

Class: 8

Packing group: III

UN no.: UN 2693

Primary risk: 8

Hazard inducer(s): Ammonium bisulfite

EmS: F-A S-B

Section 15 - Regulatory information

Registration status

DSL: yes

NDSL: no

CEPA

Listed as toxic substance: Not listed

Listed as priority substance: Not listed

NPRI Not listed

FDA: This product is not registered with the FDA.

Section 16 - Other information

The information contained on this SDS is to the best of our knowledge an accurate summary of the data available as of the date of preparation. Prairie Mud Service is not liable for the application or use of this information in situations beyond its control or outside the normal and expected use of its product. Prairie Mud Service assumes no responsibility for damage or injury from the use of the product described herein.
