

Prairie Mud Service

738-6th St. Estevan, SK Ph: 1-306-634-3411

MSDS

(Material Safety Data Sheet)

W-F-1-A

SECTION I: PRODUCT INFORMATION

Product Identifier → W-F-1-A

Product Use → Oxygen Scavenger

Distributor's Name & Address →

Prairie Mud Service

738 – 6th Street

EMERGENCY #

Estevan, SK

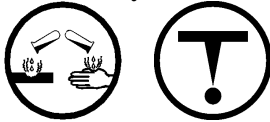
Ph: 306-634-3411

S4A 1A4

Fx: 306-634-6694

Product Identification Number (PIN) → Class 8 ,
UN-2693

WHMIS Classification Symbols→



WHMIS Classification → E Corrosive; D2-B Materials
Causing Other Toxic Effects (Carcinogenicity)

SECTION II: HAZARDOUS INGREDIENTS

Component → AMMONIUM BISULPHITE

ACGIH OSHA Other

CAS No.	%	TLV	PEL	Limit	Hazard
10192-30-0	60	2	2	None	Corrosive

LD₅₀ (Oral, rat) → N/D

LD₅₀ (Dermal, rabbit) → N/D

LC₅₀ (Inhalation, rat) → N/D

SECTION III: PHYSICAL DATA

Physical State (Gas, Liquid, Solid) → Liquid

Odour and Appearance → Pale Yellow Liquid;
Sulphur Dioxide Odour

Odour Threshold → N/D

Vapour Pressure mmHg @ 20°C → 20

Vapour Density → 1.2

Evaporation Rate → <1 (Butyl Acetate=1)

Boiling Point @ 760 mmHg → 100 - 103°C

Freezing Point °C → N/D

pH → 4.0 – 4.1

Specific Gravity @ 20°C → 1.32

Solubility in Water @ 20°C, wt. % → Complete

SECTION IV: FIRE OR EXPLOSION HAZARD

Flash Point → N/A

Upper Explosive Limit (% by Volume) → N/A

Lower Explosive Limit (% by Volume) → N/A

Auto-Ignition Temperature → N/A

Extinguishing Media → This material is not
combustible. Use extinguishing media
appropriate for surrounding fire.

Fire Fighting Procedures → Use water spray to cool
fire-exposed containers or structures.

Hazardous Combustion Products → None.

Unusual Fire and Explosion Hazards → None.

SECTION V: REACTIVITY DATA

Stability → Product is Stable under normal conditions.

Conditions to Avoid → Heat, Sparks and Open Flames.

Materials to Avoid → Mildly corrosive to carbon steel
and cast iron. Copper, aluminum and zinc are rapidly
attacked. Avoid acids, oxidizing materials and alkalis.

Conditions of Reactivity → None.

Hazardous Decomposition Products →

Sulphur Dioxide, Ammonia.

Polymerization → Will not occur.

SECTION VI: TOXICOLOGICAL PROPERTIES

Route of Entry → Skin Contact YES

Skin Absorption YES

Eye Contact YES

Inhalation YES

Ingestion YES

Effects of Exposure When →

Inhaled – Breathing vapour or mist may irritate
the nose and throat causing coughing and chest
discomfort.

In Contact With Skin – Liquid, mists and
vapours may cause skin irritation. Prolonged contact
may cause skin burns.

In Contact With Eyes – Liquid, mists and
vapours may cause eye irritation. Prolonged contact may
burn the eyes.

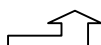
Ingested – Swallowing the liquid may result in
nausea and vomiting. If vomiting occurs spontaneously,
do not allow the vomit to be breathed into the lungs.

Exposure Limits → Not established for complex
mixture. See Section II for individual product limits.

Carcinogenicity → This material is not considered to be
a carcinogen by the National Toxicology
Program, the International Agency for Research
on Cancer, or the Occupational Safety and
Health Administration.

Reproductive Toxicity → No information is available
and no adverse reproductive effects are
anticipated.

Mutagenicity → No information is available and no
adverse mutagenic effects are anticipated.





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SECTION VI: TOXICOLOGICAL PROPERTIES

(continued)

Teratogenicity → No information is available and no adverse teratogenic effects are anticipated.

Synergistic Materials → None known.

SECTION VII: PREVENTIVE MEASURES

Respiratory Protection → Wear a NIOSH/MSHA approved air purifying respirator equipped with organic vapour cartridges for concentrations up to 1000 ppm. Air supplied respirator for high unknown concentrations.

Protective Gloves → Impervious Viton Gloves.

Eye Protection → Chemical safety goggles or faceshield.

Other Protective Equipment → Impervious apron and boots, eye bath and shower located near chemical area.

Ventilation → LOCAL: Preferable
MECHANICAL (General): Acceptable

Spill and Leak Procedure → Wear protective equipment including rubber boots, gloves, apron and self-contained breathing apparatus in the pressure demand mode or a supplied air respirator.

LARGE SPILLS – Contain by dyking for release to land, or booming/damming for release to water. Recover product and collect contaminated soil or water for treatment and/or disposal.

SMALL SPILLS – Contain by applying sorbent. Collect waste absorbent and contaminated soil for disposal. For significant releases contact regulatory authorities.

Waste Disposal → Dispose of waste materials in an approved incinerator or waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of wastes in local sewer or with normal refuse.

Handling Procedures & Equipment → Avoid splash filling.

Storage Requirements → Store in a cool, well ventilated area, away from incompatible materials.

Special Shipping Information →

Canadian TDG – (Transportation of Dangerous Goods)

Proper Shipping Name → Bisulphites, Aqueous Solution, N.O.S. (Ammonium Bisulphite)

<u>Prim.Class</u>	<u>Sub.Class</u>	<u>(PIN)U.N.</u>	<u>E/I</u>	<u>Packing Grp</u>
8	-	2693	-	III

SECTION VIII: FIRST AID MEASURES

First Aid Procedures When →

Inhaled – Remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention IMMEDIATELY.

In Contact With Skin – Remove contaminated clothing. Wash skin with lots of soap and water. If irritation persists obtain medical advice.

In Contact With Eyes – Flush eyes thoroughly with water for 20 minutes, holding eyelids open. Obtain medical attention IMMEDIATELY.

Ingested – If victim is alert and not convulsing, induce vomiting by giving 2 glasses of water and sticking finger down the throat. Do not give anything by mouth to an unconscious or convulsing person. If vomiting occurs spontaneously, keep victim's head below his hips to prevent breathing the vomit in to the lungs. **OBTAIN MEDICAL ATTENTION IMMEDIATELY.**

SECTION IX: PREPARATION INFORMATION

Prepared by → Product Safety Committee
(WHMIS Division)

Preparation Date → November 27, 2009

The above information is supplied as a customer service and is provided in good faith. Although it has been based on data drawn from sources deemed to be reliable, Prairie Mud Service cannot guarantee its accuracy and assumes no responsibility for conditions resulting from its use.

END OF MSDS

KEY TO ABBREVIATIONS

N/D – No Data Available

LD₅₀ – Lethal Dose

N/A – Not Applicable

LC₅₀ – Lethal Concentration

