

*FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL DAY OR NIGHT 1-800-561-8273 or
CHEMTREC - DAY OR NIGHT 1-800-424-9300*

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

IMPORTED BY:

UNITED AGRI PRODUCTS CANADA, INC.
789 Donnybrook Drive • Dorchester, Ontario N0L 1G5

24-Hour Emergency Phone: 1-800-561-8273
Medical Emergencies (Prosar): 1-800-301-7976
Additional Emergency Phone (Canutec): 1-613-996-6666 (Collect)

CHEMICAL IDENTITY: MIZER® WATER CONSERVATION AGENT

PRODUCT USE: Soil Surfactant

REG. NO.: 20020060A – Fertilizers Act

MSDS Number: 2002060A-09-UAP

MSDS Revisions: All sections reviewed

Date of Issue: 15/10/09

Supersedes: 03/05/07

2. HAZARDS IDENTIFICATION SUMMARY

KEEP OUT OF REACH OF CHILDREN – CAUTION – Harmful if inhaled. Avoid breathing vapours or spray mist. Avoid contact with skin, eyes, or clothing. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Irritating to eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not take by mouth.

This product is a clear, red liquid with no odor.

3. COMPOSITION, INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>TLV (Units)</u>
Neutral blend of polyhydroxyethyl alkoxy-alkylene oxides	60.00	Mixture	not established
Other Ingredients	40.00		

4. FIRST AID MEASURES

If Inhaled: Move victim to fresh air. Give artificial respiration if needed. Call a physician.

If Swallowed: Give a large amount of water to drink, make person vomit and immediately call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

If in Eyes: Immediately flush eyes with clean water for at least 15 minutes. Call a physician.

If on Skin: Remove contaminated clothing and wash skin with soap and water. Call a physician if irritation persists. If contact is made with the spray solution containing pesticides, follow the "Statement of Practical Treatment" on the pesticide label.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method): Does not flash.

FLAMMABLE LIMITS (LFL & UFL): Not established

EXTINGUISHING MEDIA: Dry chemical or carbon dioxide (CO₂), foam or water spray/fog.

HAZARDOUS COMBUSTION PRODUCTS: Emits toxic fumes.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Use water spray to cool containers.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wear appropriate personal protective equipment (refer to Section 8). Control and contain the leak. Pick up the material with absorbent and place in a container for proper disposal in accordance with local, state and federal regulations.

ENVIRONMENTAL PRECAUTIONS: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

7. HANDLING AND STORAGE

HANDLING: Keep out of reach of children. Wash thoroughly after handling. When handling the product, wear goggles or a face shield. For worker protection during mixing, loading and application, wear a hat, long-sleeved shirt, long legged trousers or overalls and PVC gloves.

STORAGE: Store in original container only. Keep container tightly closed, do not allow water to be introduced into the contents of this container. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment washwaters or spray waste. Do not store near heat or open flame. **KEEP FROM FREEZING.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Work in well-ventilated area. Local exhaust may be required if working in confined space.

RESPIRATORY PROTECTION: Respiratory protection is not necessary.

EYE PROTECTION: Chemical goggles or safety glasses. An emergency eyewash station should be available.

SKIN PROTECTION: Wear protective clothing and gloves.

For product	OSHA PEL 8 hr TWA not listed	AIHA TLV-TWA not listed
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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, red liquid with no odor.	BULK DENSITY: 1.1 kg/L	SOLUBILITY: Soluble
SPECIFIC GRAVITY (Water = 1): 1.1 g/ml	BOILING POINT: Not established	pH: 7.7 (1% solution)
VAPOR PRESSURE: Not established	EVAPORATION RATE: Not established	
PERCENT VOLATILE (by volume): 74 – 76%		

Note: These physical data are typical values based on material tested but may vary from sample to sample.
Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: Heat.
INCOMPATIBILITY: Strong oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Emits toxic fumes in a fire situation.
HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (rat): Not established	Acute Dermal LD₅₀ (rabbit): Not established
Eye Irritation (rabbit): Not established	Skin Irritation (rabbit): Not established
Inhalation LC₅₀ (rat): Not established.	Skin Sensitization (guinea pig): Not established.
Carcinogenic Potential: Not listed by OSHA, NTP, IARC, or ACGIH as a known human carcinogen	

12. ECOLOGICAL INFORMATION

Product is biodegradable and readily absorbed into soil.

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling or by reconditioning, or puncture and dispose of in accordance with local and provincial requirements. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash waters or spray waste.

14. TRANSPORT INFORMATION

DOT Shipping Description: NOT REGULATED BY USDOT.
Freight Classification: ADHESIVES, ADJUVANTS, SPREADERS OR STICKERS (NMFC 4610; CLASS: 60)
Consult appropriate ICAO/IATA and IMDG regulations for shipment requirements in the Air and Maritime shipping modes.

15. REGULATORY INFORMATION

NFPA & HMIS Hazard Ratings:	NFPA		HMIS
	1 Health	0 Least	1 Health
	0 Flammability	1 Slight	0 Flammability
	0 Instability	2 Moderate	0 Reactivity
		3 High	H PPE
		4 Severe	

SARA Hazard Notification/Reporting				
SARA Title III Hazard Category:	Immediate	<u>Y</u>	Fire	<u>N</u>
	Delayed	<u>N</u>	Reactive	<u>N</u>
			Sudden Release of Pressure	<u>N</u>

Reportable Quantity (RQ) under U.S. CERCLA: Not listed

SARA, Title III, Section 313: Not listed

RCRA Waste Code: Not listed

CA Proposition 65: Not listed.

16. OTHER INFORMATION

MSDS STATUS: All sections reviewed and/or revised

PREPARED BY: Registrations and Regulatory Affairs

REVIEWED BY: Environmental/Regulatory Services

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