

MATERIAL SAFETY DATA SHEET

NEXUS Mix-ALL

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Issue Date: 04/08

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Chemical Product

NEXUS Mix-ALL

Common Name: Stabilizing Agent

Chemical Description: Polyhydroxy Aliphatic Compound

TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

NEXUS Ag Business, Inc.

105-3502 Taylor Street East

Saskatoon, SK S7H 5H9

Emergency Phone Numbers

Emergency Telephone: DAYS: (306)373-2972 EVES: (800)373-2972

SECTION 2. HAZARDOUS INGREDIENTS

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
Alkylaryl polyoxyethylene Glycol phosphate ester Surfactants	---	70.0	5mg/m	N.P.

N.P. Not pertinent

SECTION 3. EMERGENCY/HAZARDS OVERVIEW

Clear liquid with sweet, soapy odor. Keep away from strong oxidizing agents. Carbon or sulfur oxides may be formed upon decomposition. Not D.O.T. Regulated.

HEALTH: 2 REACTIVITY: 0 FLAMMABILITY: 2 ENVIRONMENT: 0

(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

SECTION 4. FIRST AID

Eyes: Flush immediately with water for at least 15 minutes. Seek medical attention immediately.

Skin: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. See a physician if skin shows signs of irritation.

Ingestion: Do not induce vomiting. Seek medical attention.

Inhalation: Move to fresh air. Seek medical attention.

SECTION 5. FIRE AND EXPLOSION HAZARDS

Flash Point:	100°F closed cup.
Test Method:	ASTM D-56.
LEL Flammable Limits	Not known.
UEL Flammable Limits:	Not known.
Autoignition Temperature:	Not known.
Flammability Classification:	None.
Known Hazardous Products of Combustion:	Carbon or sulfur oxides may be formed.
Properties that Initiate/Contribute to Intensity of Fire:	Not known.
Potential For Dust Explosion:	None.
Reactions that Release Flammable Gases or Vapors:	Not known.
Potential For Release of Flammable Vapors:	Not known.
Unusual Fire & Explosion Hazards:	Decomposition may generate carbon or sulfur oxides.
Extinguishing Media:	Alcohol foam, water spray, dry chemical, or carbon dioxide.
Special Firefighting Procedures:	Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SECTION 6. SPILLS AND LEAKS

Containment:	Prevent product spillage from entering drinking water supplies or streams.
Clean Up:	Collect liquid or absorb onto absorbent material and package for disposal.
Evacuation:	Not necessary.

SECTION 7. STORAGE AND HANDLING

Storage:	Store in plastic or stainless steel container in a cool, well-ventilated, dry place at temperatures above 40°F. Do not store in contact with alkaline materials, acids and/or oxidizing agents. Do not store near food or feeds. Do not stack pallets more than two (2) high.
Transfer Equipment:	Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.
Work/Hygienic Practices:	May cause eye and skin irritation.

SECTION 8. PERSONAL PROTECTIVE EQUIPMENT

Eyes:	Chemical dust/splash goggles or full-face shield to prevent eye contact. As a general rule, do not wear contact lenses when handling.
Skin:	Impervious gloves and clothes.
Respiratory:	Atmospheric levels should be maintained below the exposure guidelines (see Section 2). When respiratory protection is required for certain operations, use a NIOSH approved air-purifying respirator.
Ventilation:	Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

SECTION 9. PHYSICAL AND CHEMICAL DATA

Appearance:	Clear liquid.
Odor:	Sweet, soapy.
pH:	2.21 (10% Solution)
Vapor Pressure:	4.4 (N-BuOH) at 68°F.
Vapor Density (Air=1):	2.6 (N-BuOH).
Boiling Point:	244°F (N-BuOH).
Freezing Point:	Not available.
Water Solubility:	Complete.
Density:	~8.6 lbs./gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	20%.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions To Avoid:	Excessive heat and/or open flame.
Incompatibility:	Keep away from strong oxidizing agents.
Hazardous Decomposition Products:	Carbon or sulfur oxides.
Hazardous Polymerization:	Will not occur.

SECTION 11. POTENTIAL HEALTH EFFECTSAcute Effects:

Eyes:	May cause redness and/or burning.
Skin:	Mild irritant, especially from prolonged exposure. May cause redness.
Ingestion:	None known but may cause dizziness, abdominal cramps, vomiting and diarrhea if large quantities are swallowed.
Inhalation:	None expected but aerosol mist may cause mild irritation of nasal mucous membranes.

Subchronic Effects: None known.

Chronic Effects: None known.

SECTION 12. ECOLOGICAL INFORMATION

Algal/Lemna Growth Inhibition:	Not known.
Toxicity to Fish and Invertebrates:	Not Known.
Toxicity to Plants:	Not known.
Toxicity in Birds:	Not known.

SECTION 13. DISPOSAL

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment washwaters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this MSDS. Therefore, consult local waste regulators for proper disposal.

SECTION 14. TRANSPORTATION

D.O.T.:	Not D.O.T. Regulated.
Other Shipping Description:	Adhesives, Adjuvants, Spreaders or Stickers, Liquid. NMFC Item 4612, LTL Class 60

SECTION 15. REGULATORY INFORMATION

CERCLA: None known.

SARA TITLE III, Section 313 Toxic Chemicals: None known.

PROPOSITION 65 (CA): None known.

SECTION 16. OTHER

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