



Material Safety Data Sheet

IDENTITY: INVADE "SUPER WETTING AGENT"

Section I

Manufacturer's Name: Ag Spray, Inc.	Emergency Telephone Number: 503-371-7907
Address: PO Box 12129	Telephone Number for Information: 503-371-7907
Salem, Oregon 97309-0129	Date Prepared: October 10, 2007

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended
Alcohol Ethoxylate CAS#: 34398-01-1	NA	NA	NA

Section III - Physical/Chemical Characteristics

Boiling Point	>300° F	Specific Gravity (H₂O = 1)	.99
Vapor Pressure (mm Hg)	Negligible	Melting Point	32° F
Vapor Density (AIR = 1)	NE	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water: Complete			
Appearance and Odor: Blue clear liquid with a mild odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >300° F (PMCC)	Flammable Limits NA	LEL NA	UEL NA
Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog.			
Special Fire Fighting Procedures: Fire fighter should wear SCBA and full protective clothing.			
Unusual Fire and Explosion Hazards: None known			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid contact with strong oxidizing agents.
Incompatibility (Materials to Avoid): Strong oxidizing agents.			
Hazardous Decomposition or Byproducts: Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Irritating and/or toxic fumes and gases may be emitted upon the products decomposition.			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	NA

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? Yes	Ingestion? Yes
Health Hazards (Acute and Chronic): Eyes: CAUTION: CAUSES EYE IRRITATION. Contact with eyes is painful and irritating. Skin: Prolonged contact may cause mild transient skin irritation. Ingestion: This product may be harmful if it is swallowed. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.			
Carcinogenicity: None	NTP? No	IARC Monographs? No	OSHA Regulated? No
Signs and Symptoms of Exposure: Eyes: Burning sensation. Skin: Irritation possible. Ingestion: gastrointestinal disturbances including irritation, nausea, and diarrhea.			
Medical Conditions Generally Aggravated by Exposure: No applicable information found.			
Emergency and First Aid Procedures: Eyes: Flush with water for 15 minutes. If irritation persists, call physician. Skin: Wash off with soap and water. Ingestion: If the material is swallowed, get immediate medical attention or advice. Do not induce vomiting.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Large spills--Eliminate ignition sources. In a clean area, dike and recover for reuse. Dispose of contaminated material. Small spills--Mix with absorbent material and dispose.
Waste Disposal Method: Dispose of waste by incineration in accordance with all local, state and federal regulations.
Precautions to Be taken in Handling and Storing: Avoid contact with skin and eyes. Wash thoroughly after handling. DOT Storage category: Non-Regulated Material.
Other Precautions: Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section VIII - Control Measures

Respiratory Protection (Specify Type): For normal operations, no respiratory protection is required.		
Ventilation:	Local Exhaust: Yes	Special: None
	Mechanical (General): None	Other: None
Protective Gloves: Nitrile gloves.	Eye Protection: Chemical splash goggles.	
Other Protective Clothing or Equipment: Eye wash facilities.		
Work/Hygienic Practices: Use common sense and care around chemicals. Never mix chemicals. Consult your supervisor for other practices. All practices depend on your specific business. Directions for use are normally found on label that will dictate engineering and control measures.		

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*Technical Material NE - Not Established NA - Not Applicable
< = Less than > = More than

HAZARD RATINGS	HMIS	NFPA
Health	2	2
Flammability	0	0
Reactivity	0	0
PPE	X	

HAZARD RATING SCALE:
0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

