

RSA MicroTech, LLC

Material Safety Data Sheet

FOR EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT, CALL:
CHEMTREC 1-800-424-9300

Section 1 – Chemical Product and Company Identification

Product Name: **Penn Wetting™**

Common Name: Turf Wetting Agent

Chemical Description: Turf Wetting Agent

Manufacturer's Name:
RSA MicroTech, LLC
PO Box 39
Marysville, WA 98270
Date Prepared: 05-18-05

Emergency Telephone Number:
CHEMTREC 1-800-424-9300

Revision Date: NEW

Section 2 – Composition Information on Ingredients

Ingredient	%	TLV
Proprietary blend of polyoxyethylene-polyoxypropylene, siloxane surfactants	25%	
Constituents ineffective	75%	

NFPA HAZARD RATING:

0	Least		
1	Slight	2	Health
2	Moderate	1	Flammability
3	High	0	Reactivity
4	Severe		

Section 3 – Hazards Identification

Emergency Overview: Eye irritation or injury may result from exposure to this product..

CAUTION: Keep out of reach of children.

Route(s) of Entry: Eyes, Inhalation, Skin and Ingestion

Health Hazards (Acute and Chronic):

Inhalation: May cause irritation

Eyes: May cause severe irritation or eye damage

Skin: May cause severe irritation

Ingestion: May cause irritation

Carcinogenicity NTP: Not Listed IARC: Not Listed OSHA: Not Listed

Medical Conditions Generally Aggravated by Exposure:

None known. Preexisting respiratory conditions may be aggravated by exposure to mists.

Section 4 – First Aid Measures

Inhalation: Move individual to fresh air and check to assure adequate respiration. Seek medical attention if necessary.

Ingestion: Call a physician or get medical attention. Do not induce vomiting unless directed by a physician. Promptly drink large quantities of water to dilute.

Eyes: Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.

Skin: Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If redness persists, seek medical attention as needed.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 – Fire and Explosion Hazard Data			
Flash Point: >200°F by method TCC	Flammable Limits: Not Established	LEL: Not Established	UEL: Not Established
OSHA Flammability Class: III B			
Extinguishing Media: foam, dry chemical, or carbon dioxide			
Special Fire Fighting Procedures: Water mist may be ineffective, but may be used to cool closed containers.			
Fire Fighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.			
Explosion Hazards: Product will burn under fire conditions. Closed containers may explode due to pressure build up when exposed to extreme heat.			
Section 6 – Accidental Release Measures			
Steps to be taken in case material is released or spilled:			
Spill: Sweep, vacuum, or absorb with an inert absorbent for collection in an approved recovery drum for disposal. Always follow Federal, State and Local regulations regarding waste disposal.			
Section 7 – Precautions for Safe Handling and Use			
Handling: Avoid breathing vapors and mists. Avoid prolonged contact with skin and eyes.			
Storage: Store in tightly closed original labeled containers. Store in a dry, well ventilated area away from ignition sources and incompatible materials.			
Min. Storage Temp: 32°F		Max. Storage Temp: 120°F	
Section 8 – Control Measures / Personal Protection			
Respiratory Protection (<i>Specify Type</i>): Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an MSHA/NIOSH-approved respirator when exposure limits have been exceeded or are expected.			
Ventilation: Local Exhaust: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs. Local exhaust ventilation is preferred.			
Personal Protection: These recommendations provide general guidelines for handling this product. Because specific work environments and material handling practices vary, safety procedures should be developed for each intended application.			
Skin: Skin contact should be minimized through the use of gloves and suitable long-sleeved clothing (i.e., shirts and pants).			
Eyes and Face: The use of chemical safety glasses with side shields or splash proof goggles when using this product is recommended. An emergency eye wash and safety shower should be accessible to the work area.			
Work / Hygienic Practices: Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Wash exposed skin promptly to remove accidental splashes of contact with this material.			
Section 9 – Physical / Chemical Characteristics			
Physical State:	Liquid	Specific Gravity (water=1)	0.99 @ 20°C (8.62 lbs/gal)
Freezing Point:	32 °F	Boiling Point	212 °F
Solubility in Water:	Complete	pH	7.0 (1% solution)
Appearance and Odor	Clear blue liquid with mild solvent odor.		

Section 10 – Reactivity Data

Stability: Product stable at room temperature in closed containers under normal storage and handling conditions.

Chemical Incompatibilities: Strong oxidizers and strong bases

Conditions to avoid: Heat, open flame, spark

Hazardous Decomposition Products: Oxides of carbon from burning

Hazardous Polymerization: Does not occur.

Section 11 – Toxicological Information

Acute Oral: Not Established

Eye Irritation: Not Established

Acute Dermal: Not Established

Skin Irritation: Not Established

Section 12 – Disposal Considerations

Empty Container: Since empty packaging contains residues of the product, all labeled hazard precautions should be observed. Always follow Federal, State and Local regulations regarding waste disposal.

Section 13 – Transport Information

DOT Refer to bill of lading for current shipping information.

Freight Class 60 Non-Hazardous NMFC Code 4610

Section 14 – Regulatory Information

SARA TITLE II HAZARD CATEGORY: Immediate **No** Delayed: **No**
Sudden Release of Pressure: **No** Fire: **No** Reactive: **No**

304 CERCLA/313 Reportable Ingredients: A spill or release of this material may trigger the emergency release reporting requirements under CERCLA (40CFR Part 300) and/or SARA Title III (40 CFR Part 355). State or local reporting requirements may differ from federal requirements. Consult counsel for further guidance on your responsibilities under these laws. Glycol ether EB <20%

Section 15 – Other

Prepared by : Mike Barry

Reviewed by: Dennis Belau

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