

# MATERIAL SAFETY DATA SHEET

Intec, 700 SW 291 Hwy, Suite 204, Liberty, MO 64068

## Revel

Updated: April 20, 2011  
Supersedes: October 4, 2010

### General Information

**Names & Synonyms:** Water Conditioning / Wetting Agent  
**Family:** Conditioner  
**Formula:** Proprietary blend  
**Hazardous Classification:** Not Hazardous  
**Motor Freight Class:** 60  
**Item Number:** N/A  
**UN/NA Number:** N/A  
**Bill of Lading Description:** Water Conditioning / Wetting Agent

### Physical Data

**pH:** 4.0 – 4.5 at 100 wt/wt%  
**Boiling Range:** No Data Available  
**% Volatile by Volume:**  
**Specific Gravity:** No Data Available  
**Solubility in Water:** Soluble  
**Evaporation Rate (Water = 1):** N/A  
**Appearance & Odor:** Transparent, pale yellow liquid; ammonia odor.  
**Bulk Density:** NA

### Hazardous Ingredients

Principal Hazardous Materials	CAS#	OSHA TWA	ACGIH TWA
1, 4 dioxane	123-91-1	70 ppm	
Ethylene Oxide	75-21-8	70 ppm	
Propionic acid	79-09-4		10 ppm
Ammonia	7664-41-7		25 ppm
Phosphoric acid	7664-38-2	1mg/cu3	
Ethylene glycol	107-21-1	50 ppm	

\*Hazardous within the meaning of 29CFR 1910.1200

## Health Hazard Data

**ACGIH Threshold Limit Value:** Not established for mixture

**Carcinogen-NTP Program:** NO

**Carcinogen-IARC Program:** NO

**Primary Routes of Entry:**

WARNING...Severe Eye and Skin and Respiratory Tract Irritant. May cause severe eye irritation upon direct contact. Prolonged skin contact may cause severe irritation. Prolonged inhalation exposure may produce CNS depression.. Harmful if swallowed. May cause nausea and vomiting.

**Emergency First Aid:**

**INHALATION** – Remove subject to fresh air. Provide oxygen or artificial respiration if needed. Seek medical attention.

**INGESTION** – If subject is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person. Seek medical attention. Do not leave subject unattended.

**EYE CONTACT** - Flush with water for at least 15 minutes. Seek medical attention if irritation develops or persists.

**SKIN CONTACT** - Wash with soap and water for at least 5 minutes. Seek medical attention if irritation develops or persists.

**Sara Title III, Section 313**

This product contains the following toxic chemicals subject to the reporting requirements of SARA Title III, Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40CFR372.

CAS#	Chemical Name	Percent by Weight
N/A	N/A	N/A

## Fire & Explosion Hazard Data

**Flash Point (TCC):** Greater than 200 F

**Flammability Limits:** Not Established

**Extinguishing Media:** Use Class D (combustible metal) extinguisher.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus and full protective gear when entering confined areas.

**Unusual Fire and Explosion Hazards:** Containers may rupture when exposed to high heat. Thermal decomposition may produce oxides of carbon, oxides of nitrogen, oxides of sulfur.

## Reactivity Data

**Stability:** Stable under normal handling and storage conditions.

**Conditions to Avoid:** Heat, open flames and sparks

**Hazardous Polymerization:** May occur.

Avoid the following conditions to inhibit Hazardous Polymerization: Under thermal decomposition; oxides of carbon, oxides of nitrogen, and oxides of sulfur.

**Materials to Avoid:** Strong oxidizing and reducing agents, strong acids

**Hazardous Decomposition Products:**

## Environmental Protection

**Spill Response:** For wet material, dike spill and absorb with inert material and collect for disposal. Caution: Wet material is slippery. Prevent washings from entering waterways. For dry powder, sweep or scoop-up and collect for disposal. Avoid creating dust clouds and breathing dust. Spills or releases to the environment may be reportable to the National Response Center (800-424-8802) and to state and/or local agencies.

**Waste Disposal Method:** Follow federal, state and local regulations regarding health and pollution.

Landfill or dissolve in a suitable solvent and incinerate in accordance with federal, state and local regulations.

Material is not a hazardous waste under current RCRA regulations.

## Special Protection Information

**Eye Protection** – Wear chemical goggles and/or full face shield as needed..

**Skin Protection** - For operations where contact can occur, wear impervious (natural rubber / neoprene) gloves.

**Respiratory Protection** - Wear a properly fitted NIOSH/MSHA approved respirator whenever exposure above PEL or TLV guidelines is likely.

**Ventilation Recommended** – Maintain ventilation adequate to keep hazardous ingredients below their PEL or TLV.

**Other Protection** - For operations where contact can occur, wear clothing to limit skin contact. A safety shower and eye wash facility should be available.

## Special Precautions

**Handling & Storage Precautions:** Use only with adequate ventilation. Avoid contact with skin or eyes. Avoid prolonged or repeated breathing of vapor, dust, or spray mists. Avoid contact with eyes, skin and clothing. Do not take internally. In case of eye contact, flush with large amounts of water and get medical attention. Always wear protective gear. Ground containers when transferring from one to another. Where dusty conditions exist, an explosive atmosphere could develop as with any organic material.

**Other Precautions:** Keep container tightly closed and upright when not in use. Follow good industrial practices with regard to housekeeping and personal hygiene. Keep out of reach of children.

*The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.*