

Manufactured by:  
**TENNANT**  
 701 North Lilac Drive  
 P.O. Box 1452  
 Minneapolis, MN 55440-1452

# MATERIAL SAFETY DATA SHEET

## ReadySpace Pre-Treatment



**EMERGENCY PHONE NUMBERS:**

CHEMTREC: (800) 424-9300 (24 hrs)  
 CANADA: CANUTEC (613) 996-6666 (24 hrs)

District of Columbia: (202) 483-7616 (24 hrs)  
 MSDS Requests: (800) 553-8033

**PREPARATION INFO:**

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This Material Safety Data Sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind expressed or implied is made with respect to the information contained herein.

Issue Date:	February 20, 2012	<b>HAZARD RATING</b>	<b>NFPA</b>	<b>HMS</b>	<b>NFPA</b>	<b>HMS</b>	4 = Extreme	3 = High	0 = Insignificant	
Supersedes:	October 21, 2008	Health	1	1	Reactivity	0	0	2 = Moderate	1 = Slight	COR = Corrosive
Printed:	2/20/2012	Fire	0	0	Special	0	X			X = Ask supervisor for guidance.

\*\*\*\*\* I. IDENTIFICATION \*\*\*\*\*

<b>PRODUCT NAME:</b> ReadySpace Pre-Treatment  <b>PART NUMBER:</b> 1017131 (4/box), 1015380 (1 gallon jug) <b>CHEMICAL FAMILY:</b> Inorganic Detergent <b>MATERIAL USE:</b> Prespray	<b>US DEPT OF TRANSPORTATION (GROUND):</b> <b>UN#:</b> None Allocated <b>PACKAGING GROUP:</b> Not Applicable  <b>HAZARD CLASSIFICATION:</b> Non Regulated <b>SHIPPING NAME:</b> Not Applicable
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\*\*\*\*\* II. PHYSICAL DATA \*\*\*\*\*

<b>BOILING POINT:</b> 212°F / 100°C <b>DENSITY:</b> 1.1 kg/L <b>SOLUBILITY IN WATER:</b> Complete <b>ODOR THRESHOLD:</b> Not Available <b>PHYSICAL FORM:</b> Liquid <b>APPEARANCE AND ODOR:</b> Hazy Amber/Mild <b>EVAPORATION RATE:</b> Slower THAN N-BUTYL ACETATE <b>MECHANICAL IMPACT:</b> Not Available	<b>FREEZE POINT:</b> Not Available / Not Available <b>% VOLATILE:</b> 95 by wt <b>VAPOR PRESSURE:</b> Not Available mm Hg at 20 °C. <b>pH:</b> 8-9 <b>VAPOR DENSITY:</b> Heavier THAN AIR <b>COEFFICIENT WATER/OIL DISTRIBUTION:</b> Not Available <b>VOC g/L (lb/gal):</b> 0 (0.00) <b>STATIC DISCHARGE:</b> Not Available
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\*\*\*\*\* III. INGREDIENTS \*\*\*\*\*

All components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory. Hazardous ingredients, defined as Controlled Products by Canadian WHMIS, are identified by (HZD) after the chemical ingredient. This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations) and the MSDS contains all of the information required by the CPR.

<u>CHEMICAL</u>	<u>CAS #</u>	<u>% W</u>	<u>OSHA PEL</u> ppm	<u>ACGIH TLV</u> TWA ppm	<u>ACGIH TLV</u> STEL ppm	<u>LD50</u>	<u>LC50</u> INHALATION
Dipropylene glycol n-butyl ether	29911-28-2	5-10	Not Available	Not Available	Not Available	>2,000 mg/kg (skin rat) 4400 mg/kg (oral male rat) 3700 mg/kg (oral female rat) 6490 mg/kg (skin male rabbit) 5330 mg/kg (skin female rabbit)	>2.04 mg/L (4 hrs, aerosol rat)
Nonionic Surfactant (HZD)	66455-15-0	1-5	Not Available	Not Available	Not Available	>2000-5000 mg/kg (oral rat) >2000 mg/kg (dermal rabbit)	Not Available
Sodium Xylene Sulfonate	1300-72-7	1-5	Not Available	15 mg/m <sup>3</sup>	Not Available	Not Available	Not Available
Sodium Phosphate (Tribasic)	7758-29-4	1-5	Not Available	10 mg/m <sup>3</sup>	Not Available	Not Available	Not Available
Proprietary Ingredient	*	10-20	Not Available	Not Available	Not Available	Not Available	Not Available

\*Proprietary - Listed in TSCA C.S. Inventory

**SARA Title III Section 313 Information:** Components present in this product at a level which could require reporting under this statute are:  
 None

**California Proposition 65 Information:** This product contains the following chemicals designated as cancer and/or reproductive hazards under California Proposition 65.  
 None

\*\*\*\*\* IV. FIRE AND EXPLOSIVE HAZARD DATA \*\*\*\*\*

**FLAMMABLE:** No (Combustible, WHMIS Class B, Division 3) **FLASH POINT:** >200°F / > 93°C Setflash  
**FLAMMABLE LIMITS:** % LEL: Not Available % UEL: Not Available **AUTOIGNITION TEMPERATURE:** Not Available / Not Available  
**EXTINGUISHING MEDIA:** Use water spray, dry chemical, foam or carbon dioxide.  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Evacuate personnel to a safe area, avoid breathing decomposition products, fire fighting personnel should wear respiratory protection.  
**UNUSUAL FIRE EXPLOSION HAZARD:**  
Emits toxic and corrosive fumes when burned.

\*\*\*\*\* V. REACTIVITY DATA \*\*\*\*\*

**STABILITY:** Stable **HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur):** Will Not  
**CONDITIONS TO AVOID:** Excessive heat.  
**INCOMPATIBILITY (materials to avoid):** None known.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce carbon dioxide, carbon monoxide and sulfur.

\*\*\*\*\* VI. HEALTH HAZARD DATA \*\*\*\*\*

**EFFECTS OF OVEREXPOSURE:** **THRESHOLD LIMIT VALUE - See Section III for individual ingredients.**  
**PRIMARY ROUTES OF ENTRY:** Inhalation & Skin Contact  
**SKIN CONTACT/ABSORPTION:** Contains materials that may cause irritation upon repeated/prolonged contact.  
**EYE CONTACT:** Contains materials which may cause eye irritation and eye injury. During application of this product, contact lenses should NOT be worn.  
**INGESTION (Swallowing):**  
May cause gastrointestinal irritation.  
**INHALATION (Breathing):**  
Vapors may be irritating to the mucous membranes of the nose, throat, and lungs.  
**SUPPLEMENTAL HEALTH INFORMATION:**  
This product may contain residual concentrations of ethylene oxide. Ethylene oxide causes tumors in laboratory animals. All other ingredients are NOT carcinogenic, based on the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP).

\*\*\*\*\* VII. EMERGENCY AND FIRST AID PROCEDURES \*\*\*\*\*

**SKIN CONTACT:** IMMEDIATELY wash exposed areas with mild soap and water. Rinse thoroughly with cool water. Pat dry. DO NOT RUB SKIN. Seek medical attention if irritation develops and persists. Wash clothing before reuse.  
**EYE CONTACT:** Flush immediately with water for 15 minutes; CALL A PHYSICIAN.  
**INGESTION (Swallowing):** CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. DO NOT attempt to induce vomiting. Give 1 to 2 glasses of milk or water to drink.  
**INHALATION (Breathing):** Remove to fresh air. If breathing difficulty persists or occurs later, consult a physician.

\*\*\*\*\* VIII. PREVENTIVE MEASURES \*\*\*\*\*

**SPILL OR LEAK PROCEDURES** **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**  
Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain the spill with inert material (sand, earth, fuller's earth, etc.) and if appropriate, transfer the liquid and solid diking material to separate containers for recovery or disposal. Remove contaminated clothing promptly and wash affected skin areas with soap and water. Wash clothing before reuse. Keep spill out of all sewers and open bodies of water.  
**WASTE DISPOSAL METHOD:** Dispose of all excess material, packaging and other waste in accordance with federal, state and local regulations.  
**SPECIAL PROTECTION INFORMATION**  
**RESPIRATORY PROTECTION and VENTILATION:**  
Where there is potential for airborne exposures in excess of applicable limits, wear NIOSH/MSHA approved respiratory protection. Local exhaust.  
**PROTECTIVE GLOVES (specify type):** Impervious gloves; i.e., rubber **EYE PROTECTION (specify type)** Chemical splash goggles  
**SKIN PROTECTION:** Impervious gloves, chemical splash goggles, and protective clothing.  
**SPECIAL PRECAUTIONS:** **PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:**  
Store inside in a cool, dry place. KEEP FROM FREEZING. Keep container closed when not in use.  
**OTHER PRECAUTIONS:** Do not take internally. Avoid contamination of skin; contaminated clothing should be removed immediately. When opening, cover screw cap or inner seal with rag to avoid splash from pressure. WEAR safety goggles when opening container.