



# Tantum-1 Carpet Cleaning Concentrate

## Item No. 4450-05

U.S. Department Of Labor  
Occupational Safety And Health Administration

### MATERIAL SAFETY DATA SHEET

Required Under USDL Safety And Health Regulations  
(29 CFP 1910.1200 "Hazards Communication Standard")

#### Section I – Product Identification

**Manufactured For:** Gabriel First Corp.  
**Emergency Phone:** 1-800-424-9300  
**Address:** 233 W. Commercial Street, East Rochester, NY 14445  
**Product Name:** Tantum-1  
**Product Type:** Environmentally Responsible Cleaner  
**Chemical Family:** Surfactant Blend  
**Prepared On:** 08/23/10

**DOT Classification:** None  
**DOT Shipping Name:** None

**Carpet & Rug Institute  
Seal of Approval**

<b>HEALTH</b>	<b>FLAMMABILITY</b>	<b>HMIS RATING</b>	<b>REACTIVITY</b>	<b>PROTECTION</b>
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#### Section II – Product & Component Data

CHEMICAL NAMES	CAS NO.	% / Wt.	Threshold Limit Value
Alcohol Ethoxalate	68439-46-3	To 5	N/E
Sodium Gluconate	527-07-1	To 3	N/E
Anionic Polymer	MIXTURE	To 2	N/E
Sodium Borate	1303-96-4	To 1	N/E
Water	7732-18-5	To 83	NONE

\*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

#### Section III – Physical Data

**BOILING RANGE (F):** 212-220° F  
**VAPOR PRESSURE:** N/D  
**% VOLATILE:** 85-87%  
**SOLUBILITY IN WATER:** Complete  
**PHYSICAL DESCRIPTION:** Clear Liquid, Pleasant Fragrance

**SPECIFIC GRAVITY:** 1.1  
**VAPOR DENSITY:** Same as Water  
**pH:** 9.5-9.7  
**EVAPORATION RATE:** N/A

#### Section IV – Fire and Explosion Hazard Data

**FLASH POINT:** N/A  
**FLAMMABILITY:** Non-Flammable.  
**EXTINGUISHING MEDIA:** Water, CO<sub>2</sub>

**SPECIAL FIRE FIGHTING PROCEDURES:**  
Floor may be slippery.  
**UNUSUAL AND EXPLOSION HAZARDS:** None

#### Section V – Health Hazard Data

**Eyes:** May cause irritation.  
**Skin:** May cause irritation.  
**Ingestion:** May cause irritation to mucous membranes.  
**Inhalation:** May cause irritation to upper tract.  
**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**  
Person with present skin disorder may be more susceptible to irritation.  
**EXPOSURE LIMITS:** N/E  
**CARCINOGENICITY:**  
**NTP:** Not listed. **IARC:** Not listed. **OSHA:** Not regulated

**EMERGENCY FIRST AID PROCEDURES:**  
**Eyes:** Flush with running water for 15 minutes.  
**Skin:** Wash off with soap and water.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** Do NOT induce vomiting. Drink plenty of water. If unconscious or in convulsion, take to hospital or physician.



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## Section VI – Reactivity Data

**STABILITY:** Stable

**HAZARDOUS DECOMPOSITION PRODUCTS:**  
Normal products of combustion.

**INCOMPATIBILITY (Materials To Avoid):** None

**HAZARDOUS POLYMERIZATION:** Will not occur.

## Section VII – Spill or Leak Procedures

**STEPS TO BE TAKEN IN CASE  
MATERIAL IS RELEASED OR SPILLED:**  
Dike and contain spill, absorb the liquid.

**WASTE DISPOSAL METHOD:**  
Scoop or shovel solid material into a suitable container for recovery or disposal. Area may become slippery. Flush cleaned area with water. Dispose according to local, state, and federal requirements.

## Section VIII – Special Protection Information

**RESPIRATORY PROTECTION:** No special requirements.

**VENTILATION:** Good ventilation required.

**PROTECTIVE GLOVES:** Chemical resistant.

**EYE PROTECTION:** Safety Glasses or Face Shield.

## Section IX – Special Precautions

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Keep out of the reach of children.

Use only in well ventilated area.

For institutional and industrial use only.

For use by trained personnel only.

Store and keep in closed container, in a cool place.