



General Purpose Cleaner

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

MATERIAL SAFETY DATA SHEET

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:

By: Kevin Hobbie (763) 540-1471 (days)
(612) 834-0118 (mobile)

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.

Table with hazard ratings: Issue Date, Supersedes, Printed, HAZARD RATING (Health, Fire), NFPA, HMIS, Reactivity, Special, and hazard levels (4=Extreme, 3=High, 2=Moderate, 1=Slight, 0=Insignificant). Includes legend: COR = Corrosive, X = Ask supervisor for guidance.

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

PRODUCT NAME: General Purpose Cleaner
PART NUMBER: 9006764, 9006766, 9006768, 9006769
CHEMICAL FAMILY: Alkaline Detergent
MATERIAL USE: Industrial Detergent for Floors
US DEPT OF TRANSPORTATION (GROUND): UN#: None Allocated
PACKAGING GROUP: Not Applicable
HAZARD CLASSIFICATION: Non Regulated
SHIPPING NAME: Not Applicable

\*\*\*\*\* II. PHYSICAL DATA \*\*\*\*\*

BOILING POINT: 212°F / 100°C
DENSITY: 1.0 kg/L
SOLUBILITY IN WATER: Complete
ODOR THRESHOLD: Not Available
PHYSICAL FORM: Liquid
APPEARANCE AND ODOR: Purple/No Fragrance
EVAPORATION RATE: Slower THAN N-BUTYL ACETATE
MECHANICAL IMPACT: Not Available
FREEZE POINT: 28°F / -2°C
% VOLATILE: Not Available
VAPOR PRESSURE: Not Available mm Hg at 20 °C.
pH: 10.5-10.9 (concentrate), 10.6 (as used)
VAPOR DENSITY: Heavier THAN AIR
COEFFICIENT WATER/OIL DISTRIBUTION: Not Available
VOC g/L (lb/gal): ()
STATIC DISCHARGE: Not Available

\*\*\*\*\* 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.

Table with 8 columns: CHEMICAL, CAS #, % W, OSHA PEL ppm, ACGIH TLV TWA ppm, ACGIH TLV STEL ppm, LD50, LC50 INHALATION. Row 1: Sodium Metasilicate (HZD), 6834-92-0, 1-5, Not Available, Not Available, Not Available, 1034 mg/kg (oral rat-combined sexes), >4580 mg/m3 (inhalation 1 hr, rat)

\*No fragrance added.

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 that have been designated as cancer and/or reproductive hazards under California Proposition 65. None

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

**FLAMMABLE:** No **FLASH POINT:** >200°F / > 93°C Setofflash  
**FLAMMABLE LIMITS:** % LEL: Not Available % UEL: Not Available **AUTOIGNITION TEMPERATURE** Not Available / Not Available  
**EXTINGUISHING MEDIA:** Use National Fire Protection Association (N.F.P.A.) Class B extinguishers (carbon dioxide, dry chemical or foam). Do NOT use direct water stream.  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Use water spray to keep fire-exposed containers cool. Wear self-contained breathing apparatus; wear goggles if eye protection is not provided.  
**UNUSUAL FIRE EXPLOSION HAZARD:**  
Keep containers tightly closed. Closed containers may explode when exposed to extreme heat. Do not apply to hot surfaces.

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

**STABILITY:** Stable **HAZARDOUS POLYMERIZATION (May Occur/Will Not Occur):** Will Not  
**CONDITIONS TO AVOID:** Not Available  
**INCOMPATIBILITY (materials to avoid):** Strong acids and oxidizing agents.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide.

\*\*\*\*\* 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:** Prolonged or repeated contact may cause irritation.  
**EYE CONTACT:** May cause irritation and discomfort. While working with this product, contact lenses should NOT be worn.  
**INGESTION (Swallowing):**  
May be harmful if swallowed.  
**INHALATION (Breathing):**  
Avoid prolonged breathing of mists, spray or vapors. Use with adequate ventilation.  
**SUPPLEMENTAL HEALTH INFORMATION:**  
All 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. DO NOT attempt to induce vomiting.  
**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 in accordance with federal, state and local regulations.  
**SPECIAL PROTECTION INFORMATION**  
**RESPIRATORY PROTECTION and VENTILATION:**  
Use with adequate ventilation.  
Local exhaust.  
**PROTECTIVE GLOVES (specify type):** **EYE PROTECTION (specify type)**  
For sensitive skin or prolonged contact, use impervious gloves; i.e., rubber. Chemical splash goggles  
**SKIN PROTECTION:** Impervious gloves; i.e., rubber  
**SPECIAL PRECAUTIONS:** **PRECAUTIONS TO BE TAKEN IN HANDLING OR STORAGE:**  
Store inside in a cool (below 100°F or 37.5°C), dry place.  
**OTHER PRECAUTIONS:** Do not take internally. Avoid prolonged contact with skin; contaminated clothing should be laundered before reuse.