

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

Date Prepared: 11/19/2007

Code: 1144

## SECTION 1 - PRODUCT IDENTIFICATION

Distributor: <b>Tartan Supply Company, Inc.</b>	Emergency Phone: 262-781-2770
Address: 3250 W. 126TH ST., Brookfield, WI 53005	Prepared By:
Trade Name: <b>Kemfastic AP Spray Cleaner</b>	Product Type: Spray Cleaner

## SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
2-Butoxyethanol (Section 313)	111-76-2	<5%	25ppm (TWA; STEL)
Tetra Potassium Pyrophosphate	7320-34-5	<5%	None Established
Nonionic Surfactant	9016-45-9	<5%	None Established
Sodium Carbonate	497-19-8	<5%	None Established

SARA HAZARD: TITLE III, SECTION 313: Contains the Glycol Ether indicated at less than 5% by weight..

## SECTION 3 - PHYSICAL DATA

Boiling point (°F.): 212°F	Specific Gravity (H2O=1.0): 1.03 ± 0.005	pH: 11.8	± 0.5
Vapor Pressure (mm Hg): Not Determined		Vapor Density (Air=1): Not Determined	
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)			
Evaporation Rate (vs. H2O): <input type="checkbox"/> <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Clear, opal green liquid with pleasant odor	

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits: N/A Upper Lower
Extinguishing Media: This product is not combustible. Water spray, foam, CO2 or dry chemicals may be used in areas where this product is stored.	
Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards: None	

## SECTION 5 - REACTIVITY DATA

Stability: Stable	Incompatibility: Strong acids/oxidizers. Do not mix with chlorinated detergents (bleach).
Hazardous Decomposition Products: Burning may produce oxides of carbon and other substances.	

## SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input type="checkbox"/> Inhalation <input type="checkbox"/> Other	
Signs and Symptoms of Overexposure (Acute): Direct contact with eyes may cause moderate to severe irritation with local redness and swelling of conjunctiva. Prolonged or repeated skin contact will defat skin and may cause irritation. Ingestion will cause irritation of mouth, throat and stomach with possible nausea and vomiting. Inhalation of mists may cause respiratory irritation and headache.	
Signs and Symptoms of Overexposure (Chronic): Extreme overexposure over a long period of time may result in the absorption of potentially harmful amounts leading to kidney and liver effects.	
Medical Conditions Aggravated by Overexposure: An existing dermatitis.	
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE	

## SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush eyes with water for at least 15 minutes and call a physician immediately.	
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.	
Ingestion: Do NOT induce vomiting. Dilute by drinking water. Call a physician immediately.	
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.	

## SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal use conditions with ventilation sufficient to control vapors/mists below regulatory limits. Protect against misting conditions.	
Ventilation Requirements: <input type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection: Safety Glasses/Goggles
Protective Gloves: Rubber/PVC	Other Protective Clothing: Protective clothing appropriate to minimize contact during specific operations.

## SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled: Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into containers for reuse, recycle, or proper disposal.	
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations.	

## SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage: Do not get in eyes, on skin or on clothing. Keep container closed when not in use. Wash thoroughly after handling.	
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The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS  
HAZARD  
RATING

HEALTH	1*
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

0 - LEAST  
1 - SLIGHT  
2 - MODERATE  
3 - HIGH  
4 - EXTREME