

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

DATE PREPARED: 07/01/2007

Code: 6040

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Tartan Supply Co., Inc.	Emergency Phone: 262/781-2770
Address: 3250 N. 126th Street, Brookfield, WI 53005	Prepared By: LPL
Trade Name: Tartan Quat	Product Type: Disinfectant/Deodorant/Sanitizer

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	5.00%	None Established
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	5.00%	None Established
Ethyl Alcohol	64-17-5	0.5 - 1.5%	1000ppm (TWA/STEL)
Water	7732-18-5	88.5 - 89.5%	None Established

SARA HAZARD: TITLE III, SECTION 313: Contains no Section 313 listed substances subject to reporting.

SECTION 3 - PHYSICAL DATA

Boiling point (°F): 212°F	Specific Gravity (H2O=1.0): 1.0 ± 0.005	pH: 6-8	± 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"/> Faster <input type="checkbox"/> Slower <input checked="" type="checkbox"/> About the Same		Appearance and Odor: Colorless to slightly amber liquid with characteristic 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: Product is non-combustible. Water Spray (Fog), Dry Chemical; CO2; or Foam may be used where 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 or sanitizers.
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 checked="" 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 severe irritation, pain, swelling of conjunctiva and possible corneal damage if not promptly treated. May cause moderate to severe skin irritation with prolonged or repeated contact. Ingestion can cause severe irritation or burns of the mouth, nose, throat and stomach along with nausea and vomiting.	
Signs and Symptoms of Overexposure (Chronic): None currently known.	
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 with water for at least 15 minutes and call a physician.	
Skin: Wash with large amounts of soap and water. If irritation persists, consult a physician.	
Ingestion: If swallowed, drink milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call physician immediately.	
Inhalation: Not an expected route of exposure. If vapors or mists cause irritation, remove subject to fresh air.	

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required under normal use conditions with good general ventilation. Protect against generated mists/sprayback.	
Ventilation Requirements: Normal <input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection: Chemical Goggles/Glasses (when handling concentrate)
Protective Gloves: Yes (with conc)	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. See product label for specific instructions.	

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage: Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container — triple rinse and offer for reconditioning or proper disposal. See product label for complete storage and disposal instructions. Remove contaminated clothing and launder before reuse.	
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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	2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	X

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