

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Health Gards Toilet Seat Cleaner
Product Use: Cleaner
WHMIS Class: Class B - Division 2 - Flammable Liquid, Class D - Division 2A, 2B
DOT Classification: Ethanol, solution; Class 3; UN1170; PGIII
TDG Classification: ETHANOL SOLUTION; Class 3; UN1170; PGIII
Manufacturer/Supplier: Hospital Specialty Company
670 Alpha Drive
Highland Heights, OH 44143 US
Phone: 440-449-6550
CHEM-TEL, INC: 1-800-255-3924

LEGEND NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0



SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>OSHA PELS</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Ethanol	64-17-5	30 - 60	1000 ppm - TWA	1000 ppm - TWA	31623 ppm rat	3450 mg/kg mouse; 1501 mg/kg rat

SECTION III - PHYSICAL DATA

Boiling Point:	> 78 °C (> 172.40 °F)	Specific Gravity:	Not available.
Freezing Point:	Not available	Coefficient of Water/Oil Distribution:	Not available.
Vapor Pressure:	Not available.	% Volatile:	Not available.
Vapor Density:	Not available.	Evaporation Rate:	Ether
Solubility in Water:	Complete	pH:	6 - 8
Physical State:	Liquid	Viscosity:	Water thin.
Appearance:	Clear colorless Liquid	Odor Threshold:	Not available.
Odor:	Fragrant		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability:	Flammable by WHMIS/OSHA criteria.		
Flash Point:	26 °C (78.80 °F)	LEL: 3.3 (ethanol)	UEL: 19 (ethanol)
Hazardous Combustion Products:	May include and are not limited to: Oxides of carbon.		
Autoignition Temperature:	Not available		
Explosion Data:			
Sensitivity to Mechanical Impact:	Not available		
Sensitivity to Static Discharge:	Not available		
Means of Extinction:	Dry chemical. Foam. Carbon dioxide.		
Special Fire Hazards:	Firefighters should wear a self-contained breathing apparatus.		

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability:	Stable under recommended storage conditions.
Incompatible Materials:	Caustics. Acids. Oxidizers.
Reactivity, and Under What Conditions:	Avoid high temperatures. Do not mix with other chemicals.
Hazardous Decomposition Products:	May include and are not limited to: Oxides of carbon when heated to decomposition.

SECTION VI - TOXICOLOGICAL PROPERTIES

Route of Entry: Eye, Skin contact, Inhalation, Ingestion.

EFFECTS OF ACUTE EXPOSURE:

Eye: May cause irritation.

Skin: May cause irritation.
Inhalation: May cause respiratory tract irritation.
Ingestion: May cause stomach distress, nausea or vomiting.

EFFECTS OF CHRONIC EXPOSURE:

Skin: Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS/OSHA criteria.
Respiratory Tract Sensitization: Non-hazardous by WHMIS/OSHA criteria.
Carcinogenicity: Non-hazardous by WHMIS/OSHA criteria.
Teratogenicity: Non-hazardous by WHMIS/OSHA criteria.
Mutagenicity: Mutagenic effects were observed in somatic and reproductive cells of live animals (rats and mice) exposed to high oral doses of ethanol.
Reproductive Effects: Non-hazardous by WHMIS/OSHA criteria.
Synergistic Materials: Not available

SECTION VII - PREVENTATIVE MEASURES

Gloves: Rubber gloves. Confirm with a reputable supplier first.
Eye Protection: Wear safety glasses with side shields.
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.
Leak and Spill Procedure: Remove sources of ignition. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Dispose in accordance with all applicable regulations.
Handling Requirements: Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
Storage Requirements: Keep out of reach of children. Do not store at temperatures above 120°F (49°C). Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.

SECTION VIII - FIRST AID

Eye: Flush with cool water. Remove contact lenses, if applicable, and continue flushing. Obtain medical attention if irritation persists.
Skin: Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.
Inhalation: If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

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