



MATERIAL SAFETY DATA SHEET

Form WI04-11A Rev. 1

Part Number(s):
WI-19-01

Product Name: Discide ® Ultra Disinfecting Spray

Release Date: January 25, 2006

1. Product and Company Identification

Trade Name & Synonyms Discide ® Ultra Disinfecting Spray	MSDS Code Number 3564, 3565Q, 3565G, 3566.and EPA No.10492-5
Chemical Name NA	Manufacture / Distributor GAC International Inc.
C.A.S. Number 67-63-0	Address 355 Knickerbocker Ave. Bohemia, NY USA 11716
Grades or Minor Variant Identities NA	Information Telephone Number 1-631-419-1700
Product Use (for Canada) NA	Emergency Telephone Number 1-631-419-1700

2. Composition of Ingredients

Hazardous Components	C.A.S. Number	Exposure Limits	%
Isopropyl alcohol	67-63-0	NA	63.25
Quaternary Ammonium Compound	NA	NA	<1%

3. Hazard Identification

Emergency Overview NA					
Routes of Exposure	Signs and Symptoms	Single, Repeated, or Lifetime Exposure	Severity (Mild, Moderate, Severe)	Acute and Chronic Health Effect(s)	Target Organ(s)
Eye	Mild irritation of the eyes	NA	NA	Acute: Vapor irritates eyes. Liquid will temporarily damage eye tissue.	NA
Skin	Irritation	NA	NA	Chronic: Prolonged and/or repeated skin contact may be irritating.	NA
Inhalation	Mild irritation of nose and throat. Drowsiness, head ache and incoordination may also occur.	NA	NA	NA	NA
Ingestion	Swallowing isopropyl alcohol may cause drowsiness, unconsciousness and death.	NA	NA	NA	NA
Other	NA	NA	NA	NA	NA
Medical Conditions Aggravated by Exposure NA					
Carcinogenicity (IARC, NTP) NTP: No IARC: Not classifiable, inadequate for humans OSHA regulated: No					
Potential Environmental Effects NA					

4. First Aid Measures

Routes of Exposure	First Aid Instructions	Immediate Medical Attention	Delayed Effects
Eye	Flush with water for 15 min and call physician	NA	NA
Skin	Flush with water	NA	NA
Inhalation	Expose to fresh air	NA	NA
Ingestion	Keep individual calm and call physician. If breathing has stopped give CPR and call physician.	Get Medical Attention	NA
Other	NA	NA	NA
Note to Physicians (Treatment, Testing, and Monitoring) NA			



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5. Fire and Explosion Data

Flashpoint & Method: °C /81 °F Closed cup mixture	Flammable (Explosive) Limits in Air LEL: 2.0 UEL: 12.0	Autoignition Temperature NA	Other NA
Flame Propagation or Burning NA	Properties Contributing to Fire Intensity NA	Flammability Classification Health-1, Flammability-3, Reactivity-0	
Extinguishing Media Dry chemical or alcohol type foam.		Extinguishing Media to Avoid Water spray may be ineffective.	
Protection and Procedures for Firefighters Use water spray to cool fire-exposed surfaces and to protect personnel.			
Unusual Fire and Explosion Hazards WARNING! This product is flammable. Respiratory protection required for fire fighting personnel. Stay upwind if possible. Cool exposed tanks with water.			

6. Accidental Release Measures

Containment Techniques Waste Disposal Method: Absorb in vermiculite, dry sand, earth or similar material and dispose in a secured sanitary landfill, or atomize in a suitable combustion chamber.
Spill/Leak Clean-Up Procedures and Equipment Remove all ignition sources. Ventilate area if spill or leak. Absorb and evaporate in a safe place. Prevent from entering sewers, water courses or low areas.
Evacuation Procedures NA
Special Instructions NA
Reporting Requirements NA

7. Handling and Storage

Handling Practices and Warnings Keep closed, do not handle or store near flame, heat or strong oxidants. Adequate ventilation required. All handling equipment should be electrically grounded.
Storage Practices and Warnings (°C / °F). Keep closed, do not handle or store near flame, heat or strong oxidants. Adequate ventilation required.

8. Exposure Control/Personal Protection

Ventilation Local Exhaust: Face velocity >60fpm in confined space.	Other Engineering Controls Mechanical: Explosion proof ventilation equipment. Other: No smoking or open lights	
Routes of Entry:	Personal Protective Equipment (PPE) for Normal Use:	PPE for Emergencies:
Eye/Face	Splash goggles or face shield	NA
Skin	Protective gloves: Chemically resistant	NA
Inhalation	Respiratory Protection: Use approved respiratory protection such as air-supplied mask if used in an enclosed space.	NA
General Hygiene Considerations and Work Practices N/A		
Protective Measures During Repair and Maintenance of Contaminated Equipment NA		
Other Protective Measures and Equipment Other protective clothing or equipment: Not usually needed.		



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9. Physical and Chemical Characteristics

Appearance Clear and alcohol		Odor Herbal scent
Normal Physical State: <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> Solid <input type="checkbox"/> _____ (Other)		Boiling Point °C / 180 °F Melting Point °C / -128F Freezing Point °C / °F NA
Specific Gravity or Density (H₂O=1) 0.7865	Solubility in Water >10% in water	pH NA
Vapor Pressure (mm Hg @ 20°C) 33mm Hg at 20C	Vapor Density (AIR= 1) 2.1	Evaporation Rate (Butyl Acetate = 1) 2.83
Other NA		

10. Stability and Reactivity Data

Incompatibility (Materials to Avoid) Danger when exposed to heat, flame or oxidizers.	
Hazardous Products Produced During Decomposition Toxic gases and vapors may be released in a fire involving isopropyl alcohol.	
Hazardous Polymerization? <input checked="" type="checkbox"/> May Occur <input type="checkbox"/> May Not Occur	Conditions to Avoid °C / °F NA
Stability? <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	Conditions to Avoid °C / °F NA

11. Toxicological Information

Toxicity Data, Epidemiology Studies, Carcinogenicity, Neurological Effects, Genetic or Reproductive Effects, or Structure Activity Data NTP: No IARC: Not classifiable, inadequate for humans OSHA regulated: No
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12. Ecological Information

Toxicity, Environmental Fate, Physical/Chemical Data, or Other Data Supporting Environmental Hazard Statements NA

13. Disposal Considerations

Regulations NA
Properties (Physical/Chemical) Affecting Disposal NA

14. Transport Information

Regulated for shipping? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Proper Shipping Name Discide ® Ultra Disinfecting Spray	Packing Group NA
Do changes in quantity, packaging, or shipment method change product classification? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Hazard Class NA	Identification Number NA
Other NA		



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15. Regulatory Information

Federal Regulations

NA

International Regulations

NA

Other

NA

16. Other Information

Supplier Number: N/A (PHC)

Supplier Release: September 20, 2005

N/A = not applicable. NA = not available, N/E = not established. N/D = not determined.