



MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT AND COMPANY IDENTIFICATION

Product Name: Disinfectant Spray ‘N’ Wipe
(EPA Reg. No. 1839-83-83908)

DIEC Code: DIC-1

CABVI Code:

Product Use: Disinfectant

Manufacturer/Supplier: The Deirdre Imus Environmental Health Center™
Hackensack University Medical Center

Address: 30 Prospect Ave.
Hackensack, NJ 07601

Telephone: (201)-336-8159

HMIS Hazard Rating		
HEALTH	1	0 – Insignificant
FLAMMABILITY	0	1 – Slight
REACTIVITY	0	2 – Moderate
PERSONAL PROTECTION	B	3 – High
		4 – Extreme

SECTION II – INFORMATION ON INGREDIENTS

Ingredients	CAS#	WT%	ACGIH-TLV	LD ₅₀	LC ₅₀
Water	7732-18-5	60-100	Not applicable	90,000 mg/kg (Oral, Rat)	NA
Diethylene glycol monobutyl ether	112-34-5	5-10	Not listed	3,384 mg/kg (Oral, Rat)	NA
Sodium metasilicate	6834-92-0	1-5	Not applicable	1,153 mg/kg (Oral, Rat)	NA
Tetrasodium ethylenediaminetetraacetate	64-02-8	1-5	Not applicable	1,658 mg/kg (Oral, Rat)	NA
Alcohol ethoxylate	68131-39-5	0.1-1	Not applicable	1,378 mg/kg (Oral, Rat)	NA
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.1-1	Not applicable	>50-500 mg/kg (Oral, Rat)	NA
Alkyl dimethyl ethylbenzyl ammonium chloride	85409-23-0	0.1-1	Not applicable	>50-500 mg/kg (Oral, Rat)	NA
Fragrance	Mixture	0.1-1	Not applicable	>500-5,000 mg/kg (Oral, Rat)	NA
Ethanol	64-17-5	0-0.1	1,000 ppm TWA	9,000 mg/kg (Oral, Rat)	NA
D&C Green #5	4403-90-1	0-0.1	Not applicable	10,000 mg/kg (Oral, Rat)	NA

SECTION III – HAZARDS IDENTIFICATION

Route of Entry: Eye, skin contact, inhalation, ingestion.

Effects of Acute Exposure:

Eye Contact: Can cause eye damage.

Skin Contact: Can cause skin damage. Can be harmful or fatal if absorbed through the skin.

Inhalation: No hazards under normal conditions of use. Prolonged exposure may cause nose, throat and respiratory tract irritation.

Ingestion: Harmful or fatal if swallowed.

Effects of Chronic Exposure: See Section 11.

SECTION IV – FIRST AID MEASURES

Eye Contact: Flush with water for 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Flush with water for 15 minutes. Seek medical attention if irritation develops.

Inhalation: Remove to fresh air and take deep, slow breaths. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Seek medical attention if symptoms persist. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

SECTION V – FIRE FIGHTING MEASURES

Flammability: Not flammable. **Flash Point:** (deg C, TCC): None
LEL: None **UEL:** None
Auto-Ignition Temperature: None
Hazardous Combustion Products: May include ammonia, oxides of carbon and nitrogen.
Means of Extinction: Water mist (fog), dry chemical, carbon dioxide, or foam.
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.
Explosion Data – Sensitivity to Mechanical Impact: None.
Explosion Data – Sensitivity to Static Discharge: None.

SECTION VI – ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Emergency Action: Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Wear appropriate personal protective equipment during cleanup. **Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. **Large Spills:** Dike ahead of liquid spill for later disposal. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. Do not touch or walk through spilled material. Surfaces may become slippery after spillage.

SECTION VII – HANDLING AND STORAGE

Storage Requirements: KEEP OUT OF REACH OF CHILDREN. Store in a closed container. Store in a cool, dry, well-ventilated area away from incompatible materials. DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL.

SECTION VIII – EXPOSURE CONTROL/PERSONAL PROTECTION

Gloves: Use rubber gloves.
Eye protection: Use safety glasses when direct contact may occur.
Respiratory protection: Not normally required if good ventilation is maintained.
Other protective equipment: As required by employer code.
Engineering Controls: General ventilation normally adequate.

SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Clear blue; Lemon.	Physical State: Liquid
Boiling Point (°C): NE	Freezing Point (°C): NE
Specific Gravity (H₂O=1): 1.02	VOC (g/L): 81
Evaporation Rate (Water=1): Similar	pH (as supplied): 12.3
Coefficient of Water/Oil Distribution: NE	Viscosity: Water thin.
Vapor Pressure: NA	Solubility in Water: Soluble
Vapor Density: NA	Odor Threshold: NE

SECTION X – STABILITY AND REACTIVITY

Conditions for Chemical Instability: Stable.
Incompatibility Materials: Strong oxidizing agents and strong alkali.
Conditions of reactivity: NE
Hazardous Decomposition Products: Ammonia, oxides of carbon and nitrogen.

SECTION XI – TOXICOLOGICAL INFORMATION

LD₅₀: Not established for this product. **LC₅₀:** Not established for this product.
This product may cause irritation to the eyes or skin upon prolonged contact.
Conditions Aggravated by Exposure: None known.
Sensitization to Product: None known.
Carcinogenicity: No ingredients listed by IARC or NTP.
Teratogenicity, Mutagenicity, Reproductive Effects: None known.
Toxicologically Synergistic Products: None known.

SECTION XII – ECOLOGICAL INFORMATION

Biodegradability: Not established for this product.
Aquatic Acute Toxicity: Not established for this product.

SECTION XIII – DISPOSAL CONSIDERATIONS

Dispose of in accordance with local state/provincial and federal regulations.

SECTION XIV - TRANSPORTATION

Special Shipping Information: Keep from freezing.
T.D.G. Classification: Not regulated under T.D.G.
D.O.T. Classification: Not regulated under D.O.T.

SECTION XV – REGULATORY INFORMATION

Occupational Health and Safety Regulations:
OSHA: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).
US Federal Regulation: This product is a U.S. EPA registered pesticide.
Environmental Regulatory Lists:
SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of these ingredients are listed.
CERCLA – Section 102 (Reportable Quantity) 40 CFR 302 – None of these ingredients are listed.
RCRA 40CFR 261 (SUBPART D) – None of these ingredients are listed.
CLEAN WATER ACT – Section 311 (Reportable Quantity) 40 CFR 116 - None of these ingredients are listed.
CLEAN AIR ACT – Section 312 (List of Hazardous Air Pollutants) 40 CFR 63 (Subpart C) – None of these ingredients are listed.
Toxic Substances Control Act (TSCA) – All the ingredients are registered on the Chemical Substance Inventory.

SECTION XVI – OTHER INFORMATION

Date: October 10, 2011
Prepared by: Technical Services Group **Telephone:** (705) 745-3070

NA: Not Available NE: Not Established

Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages, which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (905-572-4400), or CSST in Montreal, Quebec (514-873-3990).