WH150

MATERIAL SAFETY DATA SHEET

HMIS Hazard Rating

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

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Product Name: MIRACLE DISINFECTANT SPRAY 'N WIPE (4015)
Product Use: Spray Cleaner/Disinfectant
Emergency Tel: Canutec (613) 996-6666

Hazardous Ingredients

NA = Not Available/Applicable NE = Not Established

Ingredients	CAS#	WT%	ACGIH-TLV	LD50	LC50
Diethylene glycol mono butyl ether	112-34-5	5-10	NA	5660 mg/kg (Oral-Rat)	NA
Tetrasodium Ethylene Diamine Tetraacetate	64-02-8	1-7	NA	3030 mg/kg (Oral-Rat)	NA

Physical Data

Appearance and Odour: Green, lemon
Vapour Pressure (mm Hg): NE
Vapour Density (Air=1): NE
Solubility in Water (20°C): Soluble
Physical State: Liquid
Boiling Point °C: NA
Specific Gravity (Water=1): 1.010
% Volatile (Wt %): NE
Evaporation Rate (Water=1): NE
pH: 11.5
Odour Threshold (ppm): NE
Viscosity: Water thin.

Fire and Explosion Data

Flammability: Not Flammable by WHMIS criteria.
Flashpoint (°C, TCC): >94
LEL: NA **UEL:** NA
Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of nitrogen.
Means of Extinction: Dry chemical, Carbon Dioxide, Alcohol foam
Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

Reactivity Data

Conditions for Chemical instability: Stable
Incompatible Materials: Strong oxidizing agents
Conditions of Reactivity: NA
Hazardous Decomposition Products: May include and are not limited to oxides of carbon, oxides of nitrogen, ammonia when heated to decomposition.

First Aid

Eye: Flush eyes with large amount of water for 15 minutes while holding eyelids open. If irritation occurs or persists, Seek Medical Attention.
Skin: Wash skin with water. If irritation develops, seek medical attention.
Inhalation: If affected, remove to fresh air immediately. If symptoms persist, Seek Medical Attention.
Ingestion: Do not induce vomiting. Rinse mouth with water, and then drink one glass of water. Contact a doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

Preventive Measures

Gloves: Rubber.
Eye Protection: Safety glasses.
Respiratory Protection: Not normally required if good ventilation is maintained.
Other Protective Equipment: As required by employer code.
Engineering Control: General ventilation normally adequate. Local exhaust for large scale or elevated temperature use.
Leak and Spill Procedure: Before attempting clean up, consult MSDS. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Consult emergency services or supplier.
Waste Disposal: Review or contact local, provincial and federal Authorities for disposal methods.
Storage & Handling Requirements: Keep in a closed, labelled container. Store away from incompatible materials. Keep out of reach of children.

Toxicological Information

Route of Entry: Eye, Skin, Inhalation, Ingestion
Effects of Acute Exposure:
Eye: Contact can cause irritation.
Skin contact: May cause irritation.
Absorption: NE
Inhalation (of mist): Can cause respiratory tract irritation, coughing and headache.
Ingestion: May cause chemical burns to mouth, throat and stomach.
Effects of Chronic Exposure:
Skin: Prolonged exposure may cause drying, defatting and dermatitis.
Irritancy: Hazardous by WHMIS criteria.
Carcinogenicity: Non hazardous by WHMIS criteria.
Teratogenicity, Mutagenicity, Reproductive effects: NA

Regulatory Information

TDG Pin/Class: Not regulated under TDG.
WHMIS Class: Not Controlled by WHMIS (Drug Product)

SARA Title III: NE

Preparation Information

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Date: 08/05/2005
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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 this supplier, it is assumed that users of this material have been fully trained accordingly 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 within this form. If user 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 (1-800-263-8466) or CCST in Montreal, Quebec (514-873-3990).