

Used @ Porter for water based clean up. 2/200

Product Information

**Swish**

MAINTENANCE LIMITED  
P.O. Box 3080, Peterborough, Ontario Canada K9J 8N4  
Telephone (705) 765-5763 1-800-461-7655

**Product Name:** Miracle Disinfectant Spray 'N Wipe  
**Product Use:** Liquid Cleaner/Disinfectant  
**Emergency Tel:** Canufec (613) 996-6666

Hazardous Ingredients

Tetrasodium ethylenediaminetetraacetate  
Dibutylamine glycol succinobutyl ether

NA = Not Available  
CAS# WT%  
64-02-8 1-5  
112-34-5 5-10

**MATERIAL SAFETY DATA SHEET**

HMIS Hazard Rating

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

(4015)

NE = Not Established  
LD50 LCS#  
1,650 mg/kg (Oral, Rat) NA  
3,384 mg/kg (Oral, Rat) NA

ACQR-TLV

NA  
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): NE  
Freezing point (°C): NE  
Specific gravity (Water=1): 1.016  
% Volatile (Vol %): >85  
Evaporation rate (Water=1): NE  
pH (as supplied): 12.55  
Odour threshold (ppm): NE  
Coefficient of water/oil distribution: NE  
Viscosity: Water thin.

Reactivity Data

Conditions for chemical instability: Stable  
Incompatible materials: Strong oxidizing agents and strong acids.  
Conditions of reactivity: NE  
Hazardous decomposition products: May evolve and are not limited to oxides of carbon and nitrogen, and ammonia when heated to decomposition.

First Aid

**Eyes:** 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 soap and water. If irritation develops, seek medical attention.  
**Completely clean clothing, shoes and leather goods before reuse or discard.**  
**Inhalation:** If affected, remove to fresh air immediately. If symptoms persist, seek medical attention.  
**Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor. Never give anything by mouth if victim is unconscious. Is rapidly losing consciousness or is convulsing.

Fire and Explosion Data

Flammability: Not flammable  
Flashpoint (°C, TOC): None  
LEL: NE UEL: NE  
Hazardous combustion products: May include and are not limited to ammonia, oxides of carbon and nitrogen.  
Means of extinction: Dry chemical, carbon dioxide, alcohol foam.  
Special fire hazards: Firefighters should wear self-contained breathing apparatus.  
Explosion Data - sensitivity to mechanical impact: NE  
Explosion Data - sensitivity to static discharge: NE

Preventive Measures

Glasses: 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 material absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Consult emergency services and supplier for advice.  
Waste disposal: Review or contact local provincial and federal authorities for disposal methods.

Storage & handling requirements: KEEP OUT OF REACH OF CHILDREN. Keep in a closed, labeled container. Store in a cool, dry, well-ventilated area away from incompatible materials.  
Special shipping information: Do not freeze.

Toxicological Information

Effects of Ingestion: Eye, Skin Contact, Inhalation, Irritation  
Effects of Acute Exposure:  
Eye contact: May cause irritation.  
Skin contact: May cause irritation.  
Skin absorption: NE  
Inhalation: May cause respiratory tract irritation and coughing, headache.  
Ingestion: May cause stomach distress, nausea or vomiting.  
Effects of Chronic Exposure:  
Skin: Prolonged exposure may cause skin itching and dermatitis.  
Irritation: Hazardous by WHMIS criteria  
Sensitization to product: None known.  
Cardotoxicity: None known.  
Teratogenicity, Mutagenicity, Reproductive effects: NE  
Toxicology: Synthesis products: NA

Regulatory Information

TDG Product: Not regulated under TDG.  
WHMIS Class: Not controlled under WHMIS.  
SARA Title III: NE

Preparation Information

Prepared By: Charlotte Anthonis Technical Services  
Date: July 20, 2008 Tel: (705) 740-2889

Disclaimer: Information on this material safety data sheet was obtained from sources considered to be reliable. While every effort has been made to ensure that this information is accurate and reliable, the user should verify the information independently. The user should consult the manufacturer's literature for the most current information. The user should consult the manufacturer's literature for the most current information. The user should consult the manufacturer's literature for the most current information. The user should consult the manufacturer's literature for the most current information.

**Product Information**



**MAINTENANCE LIMITED**  
 P.O. Box 3060, Peterborough, Ontario Canada K9J 8N4  
 Telephone (705) 745-5765 1-800-481-7695

**Product Name: Powerhouse Spray & Wipe Cleaner**

**Product Use: General Cleaner**

**Emergency Tel: Canotec (613) 996-6666**

**Hazardous Ingredients**

Monoethanolamine  
 Propylene glycol n-butyl ether  
 Propylene glycol n-propyl ether

**Physical Data**

Appearance and odor: Red, peppermint.  
 Vapor pressure (mm Hg): NE  
 Vapor density (Air=1): NE  
 Solubility in water (20°C): Soluble  
 Physical state: Liquid  
 Boiling point (°C): NE  
 Freezing point (°C): NE  
 Specific gravity (Water=1): 1.001  
 % Volatile (Wt %): 97  
 Evaporation rate (Water=1): NE  
 pH (at supplied): 1.55  
 Odour threshold (ppm): NE  
 Coefficient of thermal expansion: NE  
 Viscosity: Water thin.

**Fire and Explosion Data**

Flammability: Not flammable  
 Flashpoint (°C, TOC): None  
 LEL: NE  
 UEL: NE  
 Hazardous combustion products: Very include and are not limited to oxides of carbon and nitrogen.  
 Modes of extinction: Dry chemical, carbon dioxide, alcohol foam.  
 Special fire hazards: Firefighters should wear self-contained breathing apparatus.  
 Explosion limits - sensitivity to mechanical impact: NE  
 Explosion limits - sensitivity to electric discharge: NE

**Reactivity Data**

Conditions for chemical instability: Stable  
 Incompatible materials: Strong oxidizing agents and strong acids.  
 Conditions of reactivity: NE  
 Hazardous decomposition products: May include and are not limited to oxides of carbon and nitrogen when heated to decomposition.

**First Aid**

Eyes: 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 soap and water. If irritation develops, seek medical attention.  
 Completely clean clothing, shoes and leather goods before reuse or discard.  
 Inhalation: If affected, remove to fresh air immediately. If symptoms persist, seek medical attention.  
 Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a doctor. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

**NA = Not Available**

CASE	WT%
141-63-5	1-5
5131-66-8	3-7
1369-01-3	3-7

**Preventive Measures**

Gloves: Latex, neoprene, nitrile, rubber. Confined with a respirator supplied first.  
 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 dust, mist or fumes.  
 Leak and spill procedure: Before attempting clean up, consult MSDS. Small spills may be absorbed with non-reactive material absorbed and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Consult emergency services and supplier for advice.  
 Waste disposal: Review or contact local provincial and federal authorities for disposal methods.

**Storage & handling requirements: KEEP OUT OF REACH OF CHILDREN: Keep in a closed, labeled container. Store in a cool, dry, well-ventilated area away from incompatible materials.**  
 Special shipping information: Do not freeze.

**MATERIAL SAFETY DATA SHEET**

**HMIS Hazard Rating**

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

(407L)

**NE = Not Established**

LD50	LC50
1,720 mg/kg (Oral, Rat)	NA
2,700 mg/kg (Oral, Rat)	>651 ppm 4 hrs. Rat
2,519 mg/kg (Oral, Rat)	>2,210 ppm 6 hrs. Rat

**Toxicological Information**

Route of Entry: Eye, Skin Contact, Inhalation, Ingestion  
 Effects of Acute Exposure:  
 Eye contact: May cause irritation.  
 Skin contact: May cause irritation.  
 Skin absorption: NE  
 Inhalation: May cause respiratory tract irritation and coughing, headache.  
 Ingestion: May cause stomach distress, nausea or vomiting.  
 Effects of Chronic Exposure:  
 Skin: Prolonged exposure may cause skin drying, itching and dermatitis.  
 Irritation: Hazardous by WHMIS criteria.  
 Sensitization to product: None known.  
 Carcinogenicity: None known.  
 Teratogenicity, Mutagenicity, Reproductive effects: NE  
 Toxicological synergistic products: NA

**Regulatory Information**

TBC PinClass: Not regulated under TBC.  
 WHMIS Class: E  
**SARA Title III: NE**

**Preparation Information**

Prepared By: Canotec Products Technical Services  
 Date: July 20, 2006 Tel: (705) 740-2860

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