



MATERIAL SAFETY DATA SHEET

Version Number: 4

Preparation date: 2009-02-11

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: MORNING MIST NEUTRAL DISINFECTANT CLEANER (CAN)
MSDS #: F-00362001
Product Code: 4298151, 3143664, 4530720, 4523466
Recommended use: Disinfectant. This product is intended to be diluted prior to use.

Manufacturer, importer, supplier:

US Headquarters	Canadian Headquarters
The Butcher Company	Diversey, Inc. - Canada, Inc.
8310 16th St.	2401 Bristol Circle
Sturtevant, Wisconsin 53177-1964	Oakville, Ontario L6H 6P1
Phone: 1-800-225-9475	Phone: 1-800-668-3131
MSDS Internet Address:	
www.thebutchercompany.com	

Emergency telephone number: 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

- DANGER
- CORROSIVE
- CAUSES SKIN AND EYE BURNS
- HARMFUL OR FATAL IF SWALLOWED

Principle routes of exposure: Eye contact. Skin contact. Inhalation.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Corrosive. Causes permanent damage.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient(s)	CAS #	Weight %
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	1 - 5%
Di-n-alkyl dimethyl ammonium chloride	68424-95-3	1 - 5%
Ethyl alcohol	64-17-5	0.1 - 1.5%

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Immediately flush with plenty of water for 15-20 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: If swallowed, rinse mouth. Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

Extinguishing media which must not be used for safety reasons:

No information available.

Special protective equipment for firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Specific hazards: Not applicable.

Unusual hazards: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required.

NFPA

Health 3

Flammability 0

Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Use personal protective equipment.

Environmental precautions and clean-up methods:

Clean-up methods - large spillage. Prevent product from entering drains. Water runoff can cause environmental damage. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Use a water rinse for final clean-up.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. .
FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment

Eye protection:

Chemical-splash goggles.

Hand protection:

Chemical-resistant gloves

Skin and body protection:

Protective footwear. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection:

In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

HMIS

Health

3

Fire Hazard

0

Reactivity

0

Personal protective equipment



Ingredient(s)	ACGIH	OSHA	Mexico
Ethyl alcohol	1000 ppm (TWA)	1900 mg/m ³ (TWA) 1000 ppm (TWA)	1000 ppm (TWA) 1900 mg/m ³ (TWA)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid **Color:** Blue Green
Appearance: Liquid **Odor:** Fresh
pH: 7 **Dilution pH:** No information available.
Specific gravity: 1.004 **Density:** 8.37 lbs/gal
Bulk density: No information available **Vapor density:** No information available
Viscosity: No information available **Evaporation Rate** No information available
Solubility: Completely Soluble **VOC:** 0.7 % *

Solubility in other solvents: No information available
Partition coefficient (n-octanol/water): No information available
Explosion limits:

Boiling point/range:	Not determined
Melting point/range:	Not determined
Flash point:	> 200 °F > 93.3 °C
Decomposition temperature:	Not determined
Autoignition temperature:	No information available
Elemental Phosphorus:	0 % by wt.

* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Polymerization: Hazardous polymerization does not occur.
Hazardous decomposition products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Hazardous Ingredients

Ingredient(s)	LD50 Oral - Rat (mg/kg)	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Ethyl alcohol	7060	Not available	Not available

Acute toxicity: Corrosive Oral LD50 estimated to be between 500 - 5000 mg/kg
Chronic toxicity: None known.

Specific effects

Carcinogenic effects: None known.
Mutagenic effects: None known.
Reproductive toxicity: None known.
Target organ effects: None known.

Hazardous Ingredients

Ingredient(s)	NTP	IARC	OSHA
Ethyl alcohol 64-17-5	X		X

12. ECOLOGICAL INFORMATION

Environmental Information: No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. Handle as a Pesticide waste. Do not bury, Do not dispose of with Commercial or Household waste .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information .

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), New Zealand (NZIoC), Canada (DSL), Canada (NDSL), TSCA 12B.

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

Right To Know (RTK)

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Di-n-alkyl dimethyl ammonium chloride	68424-95-3	-	-	-	-
Alcohol ethoxylates	68131-39-5	-	-	-	-
N-alkyl Dimethyl Benzyl Ammonium Chloride	68424-85-1	-	-	-	-
Tetrasodium salt of EDTA	64-02-8	-	-	-	-
Ethyl alcohol	64-17-5	X	X	X	X

CERCLA/ SARA**SARA 311/312 Hazard Categories**

Immediate: X
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada

DIN No. : 02248024

WHMIS hazard class: Non-controlled

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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