

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List) A/C Deodorizer Disinfectant
CMD-77Q, CMD-77G

*Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.*

Section I

Manufacturer's Name Crow Marketing & Distribution, Inc.	Emergency Telephone Number 800-255-3924
Address (Number, Street, City, State, and ZIP Code) P. O. Box 29171, Dallas, TX 75229	Telephone Number for Information 972-241-3049
	Date Prepared 11-09-98 Reviewed 03-05-2000
	Signature of Preparer (Optional)

Section II -- Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
n-Alkyl Dimethyl benzyl ammonium chloride	CAS# 139-08-2 N/E	N/E	N/E	N/A
n-Alkyl Dimethyl ethylbenzyl ammonium chloride	CAS# 27479-28-3 N/E	N/E	N/E	N/A
Sodium Carbonate; Soda Ash	CAS# 497-19-18 N/E	N/E	N/E	N/A

HMIS INFORMATION

Health	0
Reactivity	0
Flammability	0

Section III -- Physical/Chemical Characteristics

Boiling Point	212°F	Specific Gravity (H ₂ O = 1)	N/D
Vapor Pressure (mm Hg.)	N/D	Melting Point	N/D
Vapor Density (AIR = 1)	N/D	Evaporation Rate (Butyl Acetate = 1)	N/D

Solubility in Water

Complete

Appearance and Odor

Clear liquid, with slight characteristic odor.

Section IV -- Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits N/A	LEL N/A	UEL N/A
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Extinguishing Media

Product is not combustible. Use extinguishing media suitable for surrounding fire source.

Special Fire Fighting Procedures

Pressure demand self contained breathing apparatus should be provided for firefighters in building or confined areas where product is stored.

Unusual Fire and Explosion Hazards

None known

Section V -- Reactivity Data

Stability	Unstable		Conditions to Avoid N/A
	Stable	X	

Incompatibility (*Materials to Avoid*)
Anionic materials will reduce disinfectant activity.

Hazardous Decomposition or Byproducts
Carbon dioxide, carbon monoxide, ammonia, nitrous oxides, hydrogen chloride.

Hazardous Polymerization	May Occur		Conditions to Avoid N/A
	Will Not Occur	X	

Section VI -- Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
PRODUCT IS CORROSIVE BY ALL ROUTES OF EXPOSURE. INGESTION MAY BE FATAL.

Health Hazards (*Acute and Chronic*) ACUTE: CORROSIVE to skin, eyes and mucous membranes. May cause permanent eye damage. Ingestion may cause mucosal damage. May be fatal if swallowed. Neurotoxic, and cutaneous hazard. Ingestion may cause circulatory shock, respiratory depression and convulsions, as well as irritation and corrosion of mucosa. Toxic as defined by OSHA CFR 1910.1200, Appendix A, and also eye hazard. CHRONIC effects of exposure have not been defined.

Carcinogenicity: No Citations	NTP? No Citations	IARC Monographs? No Citations	OSHA Regulated? No
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Signs and Symptoms of Exposure Skin contact will result in irritation and reddening of exposed area. Eye contact will cause redness, watery eyes, and irritation. Inhalation or ingestion will cause irritation of internal mucosa. Toxic symptoms are described above.

Medical Conditions
Generally Aggravated by Exposure None known.

Emergency and First Aid Procedures In case of eye or skin contact, flush with water for at least 15 minutes. For eyes seek medical attention. If ingested, drink large quantity of milk, egg whites, or gelatin. If unavailable give water. Avoid alcohol. Seek medical attention immediately. If inhaled, get to fresh air immediately. Seek medical attention.

Section VII -- Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
If spilled, steps should be taken to contain material and prevent discharge to streams or sewer systems. Liquids should be absorbed on inert absorbent and collected for disposal.

Waste Disposal Method
Dispose of waste material in accordance with all applicable local, state and federal regulations. THIS PRODUCT IS AN AQUATIC TOXIN. DO NOT DISCHARGE TO LAKES, STREAMS, PONDS OR PUBLIC WATERS UNLESS IN ACCORDANCE WITH A NPDES PERMIT.

Precautions to Be Taken in Handling and Storing
Avoid contamination of food and foodstuffs.

Other Precautions
Store only in closed containers. Wear proper protective gear. Clean all spills immediately.

Section VIII -- Control Measures

Respiratory Protection (*Specify Type*)
Use only in well ventilated area.

Ventilation	Local Exhaust	N/A	Special	Where eye and skin contact possible eye wash station and safety showers.
	Mechanical (<i>General</i>)	N/A	Other	

Protective Gloves	Rubber or other impervious gloves as required to prevent contact.	Eye Protection	Where eye contact possible: Face shield or chemical goggles.
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Other Protective Clothing or Equipment
Standard full cover work clothing. Launder all contaminated articles before reuse.

Work/Hygienic Practices
Clean all spills immediately.