

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

ABC

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Century Q 256 Cleaner/Disinfectant

Product Class: Disinfectant cleaner, EPA #6836-205-5449

Emergency Telephone Number: 800-255-3924

Telephone Number for Information: 651-481-1900

Manufacturer's Name and Address:

Multi-Clean®

600 Cardigan Road

Shoreview, MN 55126

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components (Specific Chemical Identity):

Chemical	Common Name(s)	%
A	N, N-Didecyl-N, N-Dimethylammonium Chloride CAS #7173-51-5	15.36
B	Ethylenediamine Tetraacetic Acid CAS #60-00-4	1 - 5
C	Sodium Hydroxide CAS #1310-73-3	1 - 5
D	Alcohol Ethoxylates CAS #34378-01-1	7 - 13
E	Ethyl Alcohol CAS #64-17-5	1 - 5
F	Water CAS #7732-18-5	60 - 100

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: Red Liquid, Floral Aroma.

Primary Hazards: Corrosive

Potential Health Hazards

Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X

Eye: Causes irreversible eye damage. May cause burns if contact occurs.

Skin: May cause burns if contact occurs.

Ingestion: May be harmful or fatal if swallowed.

Inhalation: No unusual vapor hazards.

Signs and Symptoms of Exposure: Irritation and/or burning sensation on contact.

Carcinogenicity: NTP? No IARC Monographs? No

OSHA Regulated? No

Target Organ (s): Eyes, skin and mucous membranes.

Medical Conditions Generally Aggravated by Exposure: N. Av.

Health Hazards, Chronic: N. Av.

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. IF

ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with

plenty of water for 15-20 minutes. IF SWALLOWED: Call a poison control center or

doctor immediately for treatment advice. Have person sip a glass of water if able to

swallow. Do not induce vomiting unless told to do so by the poison control center or

doctor. Do not give anything by mouth to an unconscious person. NOTE TO

PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Call a poison control center or doctor for treatment advice. Have the container or label

with you when calling a poison control center or doctor, or going for treatment.

Sources Used: Raw material data, general toxicology from the trade for similar

products, EPA approved label.

SECTION V - FIRE FIGHTING MEASURES

Flammability: No Autoignition Temperature: N. Av.

Flash Point (method used): > 230 F (closed cup)

Flammable Limits: N. Av. LEL UEL

Extinguishing Media

Water? X Foam? X Water Fog? X

Alcohol Foam? CO2? X Dry Chemical? X

Vaporizing Liquid? Other?

Special Fire Fighting Procedures: N. Av.

Unusual Fire and Explosion Hazards: Products of combustion are toxic.

TDG Flammability Classification: Non-flammable

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop,

absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area

with water.

SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

Do not contaminate food or water by storage or disposal. Store only in original

containers. See label instructions for container disposal. Do not reuse empty container.

Other Precautions: Keep out of reach of children. Do not breathe spray mist.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required. Dust/mist respirator is

recommended to prevent inhalation of mists when spraying cleaning chemicals.

Ventilation: Local Exhaust: Not required Special: Not required

Mechanical (General): Normal good ventilation sufficient.

Other: Not required

Protective Gloves: Natural rubber or synthetic.

Eye Protection: Approved safety goggles or glasses. Footwear: Not required

Other Protective Clothing or Equipment: Not required

Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F (100°C) pH: 7.5 - 8.5

Specific Gravity (H2O) = 1: 1.00 % Volatile: 75

Vapor Density (Air = 1): N. Av. Odor Threshold: N. Av.

Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution

Solubility in Water: Complete Coefficient: N. Av.

Vapor Pressure (MM HG): N. Av.

Melting Point: N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X

Conditions to Avoid: N. Av.

Incompatibility (materials to avoid): Do not mix with other cleaners or deodorants.

Hazardous Decomposition or By-products: Thermal decomposition may produce toxic

vapors/fumes of amines or other organic materials, and oxides of carbon and nitrogen.

Hazardous Polymerization: May occur: Will not occur: X

Conditions to Avoid: N. Av.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50

A N. Av. N. Av. N. Av. 280 mg/kg N. Av.

B N. Av. N. Av. N. Av. (rat, oral) estimate

C 2 mg/M3 2 mg/M3 N. Av. 140-340 mg/kg N. Av.

D N. Av. N. Av. N. Av. (rat, oral)

E 1000 ppm 1000 ppm N. Av. 0.7 - 1.7 gm/kg N. Av.

F N. Av. N. Av. N. Av. (rat, oral)

Product LD50: 1,650 mg/kg (rat, oral) estimate

Teratogen, Mutagen, Reproductive Toxin Status: No

Toxicologically Synergistic Products: N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicological Information: N. Av.

Chemical Fate Information: N. Av.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray

mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by

use according to label instructions, contact your State Pesticide or Environmental

Control Agency, or the Hazardous Waste representative at the nearest EPA Regional

office for guidance.

RCRA Hazard Class: Regulated by FIFRA

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Compound, cleaning liquid, N.O.I.

UN Number: N. Av.

Packing Group: N. Av.

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms

Telephone Number: 651-481-1900

Date: 5/05

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All ingredients listed.

CERCLA Reportable Quality: N. Av.

SARA Title III

Section 302 Extremely Hazardous Chemicals: None

Section 311/312 Hazard Category: Immediate health hazard

Section 313 Toxic Chemicals: None

State Regulations

NOTICE STATE OF CALIFORNIA

Warning: This product contains the following chemical(s) which are known to the State of

California to cause cancer: Acetaldehyde 300 ppb, N-nitrosodimethylamine 30 ppb.

International Regulations

WHMIS Controlled Product Hazard Class: D, 2B

SECTION XVII - OTHER INFORMATION

None

N. Av. - Not Applicable; N. Av. - Not Available

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard

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