MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Full-Troje 64
Product Class: Disinfectant cleaner, EPA # 10324-80-5449
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 Quaternary Ammonium Chloride Surfactants 5.5
B Tetrasodium EDTA, Tetradate 1 - 5
C Alcohol Ethoxylates 1 - 5
D Sodium Metasilicate, Pentahydrate 0.3 - 1.0
E Water

Appearance and Odor:
Red Liquid, Floral Fragrance.

Odor Threshold:

No additional data

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Signs and Symptoms of Exposure:
Inhalation: Harmful if inhaled.
Eye: Corrosive. May cause burns or irreversible eye damage.
Skin: May cause burns if contact occurs. May be fatal if absorbed through the skin.
Ingestion: Harmful if swallowed.

Target Organ(s):
No additional data

Health Hazards:
Corrosive

NFPA System

Hazardous Polymerization: May occur:
No

SECTION IV - FIRST AID MEASURES

Emergency and First Aid Procedures
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. IF ON SKIN OR CLOTHING: Take off Contaminated Clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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. Call a poison center control or doctor for treatment advice. IF SWALLOWED: Call a poison control center or doctor for treatment advice. If INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for treatment advice. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Sources Used:
Raw material data, general toxicology from the trade for similar products, industrial materials used in the manufacture of this product.

SECTION V - FIRE FIGHTING MEASURES

Flammability:
No
Autoignition Temperature:
N. Av.
Flash Point (method used): Over 200°F
Flash Point (method used):
LEL
Flammable Limits:
N. Av.

Extinguishing Media:
Water: X
Foam: X
Water Fog: X
Alcohol Foam?: X
CO2?: X
Dry Chemical?: X
Vaporizing Liquid: Other?

Special Fire Fighting Procedures:
Cool fire exposed containers with spray. Must wear MSHA/NIOSH approved self contained breathing apparatus.

Unusual Fire and Explosion Hazards:
Explosive mixtures can form with air. Combustion products are toxic. Solvents can travel to an ignition source and flash back.

TDC Flammability Classification:
Non-flammable

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-dr) or vacuum. Thoroughly rinse affected area with water.

Precautions to be Taken in Handling and Storage:
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 VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

N.A.

NFPA SYSTEM

A. Health Hazard
B. Fire Hazard
C. Reactivity Hazard

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection (Specify Types): Not required
Ventilation: Local Exhaust: Not required Special: Not required

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: Approximately 212°F
Specific Gravity (H2O) = 1.0
% Volatile: > 85

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable:

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical OSHA PEL ACGIH TLV Recom. LD50 LC50
A N. Av. N. Av. N. Av. N. Av. 366 mg/kg N. Av.
B N. Av. N. Av. N. Av. 2.0 - 2.5 mg/kg N. Av.
C N. Av. N. Av. N. Av. 0.7-1.7 gm/kg N. Av.
D N. Av. N. Av. 2 mg/M3 800 mg/kg N. Av.
E N. Av. N. Av. N. Av. N. Av.

SECTION XII - ECOLOGICAL INFORMATION

Toxicologically Synergistic Products:

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 the 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 assistance.

NCR Hazard Class: Regulated by FIFRA

SECTION XIV - TRANSPORT INFORMATION

Shipping Classification: Disinfectant Liquid Corrosive (Quaternary Ammonium Compound), Class II
HN Number: 1903.
Facking Group: II

SECTION XV - PREPARATION DATA

Prepared By: Mike Elms
Telephone Number: 651-481-1900
Date: 6/07

SECTION XVI - REGULATORY INFORMATION

US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quality: N. Av.

SARA Title III
Section 302: None
Section 302: None
Section 302: None
Section 303: None

STATE REGULATIONS
CALIFORNIA PROPOSITION 65 – This product may contain chemicals known to the State of California to cause cancer or reproductive defects as trace impurities in the standard industrial materials used in the manufacture of this product.

SECTION XVII - OTHER INFORMATION

None

SECTION XVIII - LIABILITY INFORMATION

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