

MATERIAL SAFETY DATA SHEET

Quick Identifier
(Common Name)
Power 23

Section 1

- Neutral Germicidal Cleaner

Manufacturer's Name: Bio-Kleen Products, Inc.
Address: 508 Harrison Street
City, State, and Zip: Kalamazoo, MI 49007
Emergency Telephone No.: (800) 240-5536
Other Information Calls: (616) 567-9400
Date Prepared: 1/21/02 Manufacturer's D-U-N-S NO. 55-625-8432

Section 2 - HAZARDOUS INGREDIENTS/IDENTITY

Hazardous Component(s)/Ingredients	CAS NO.
N,N-Didecyl-N,N-Dimethylammonium Chloride	7173-51-5
N,N-Dimethyl-1-dodecanamine-N-oxide	1643-20-5
N,N-Dimethyl-1-tetradecanamine-N-oxide	3332-27-2
N,N-Dimethyl-1-hexadecanamine-N-oxide	7178-91-8

All Ingredients below are not considered hazardous under the Federal Hazard Communication Standard (29CFR 1910.1200)

Surfactant Blend Water

Section 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

BOILING POINT: Not Known
Specific Gravity (H2O = 1) 1.07 Ph: 7.5-8.5
Solubility in water: 100%
% Volatile by Volume: 86.5 % Solid By Weight: NA
Appearance: Clear Liquid - Sweet Odor

Section 4 - FIRE & EXPLOSION DATA

Flash Point: >230 F
Extinguishing Media: Foam, CO2, Dry Chemical, or Water
Special Fire Fighting Procedures: Must wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing. Cool fire-exposed containers with water spray

Unusual Fire and Explosion Hazards: Products of combustion are toxic

Section 5 - PHYSICAL HAZARDS (REACTIVITY DATA)

Stability: Stable XX Unstable

Conditions to Avoid: Extreme heat/Cold may harm product.

Incompatibility (Material to Avoid): NONE

Hazardous Decomposition Products: Thermal decomposition may produce toxic vapors/fumes of amines and other organic materials, and oxides of carbon and nitrogen

Hazardous Polymerization: May occur
Conditions to Avoid: NONE

May not occur XX

Section 6 - HEALTH HAZARDS

Chemical Listed as Carcinogen or Potential Carcinogen by NTP, IARC,
or OSHA 1910(z) (specify): YES NO XX

TLV:

PEL:

Routes of Entry: Inhalation: If contact occurs, move to fresh air,
If irritation persists, See a physician.

Eyes: If contact occurs, flush with plenty of
water, If irritation persists, see a physician.

Skin: If contact occurs, flush with water.

Ingestion: If swallowed, drink large quantities of
milk or water. See a physician immediately.

Section 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be taken in handling and storage: Danger! Corrosive
material. Keep out of reach of children. Avoid contact with eyes,
nose, mouth, and excessive skin contact.

Other Precautions: NONE

Steps to be taken in case Material is Released or Spilled:
Dilute and absorb

Waste Disposal Methods: Dispose of properly according to local and
federal regulations.

Section 8 - SPECIAL PROTECTION INFORMATION/CONTROL MEASURES

Respiratory Protection (specify type): Mask for sprayed mist.

Ventilation: Proper ventilation should be present to avoid vapor
build-up.

Protective Gloves: Rubber - If prolong contact will occur.

Eye Protection: Goggles - If splashing could occur.

Other Protective Clothing or Equipment: Apron if needed

Work/Hygienic Practices: Wash hands after use.

The information contained in the MSDS is, to the best of our
knowledge, true and accurate. All recommendations or suggestions are
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