

NEPA/BMIS : HEALTH - 2
FLAMMABILITY - 0
REACTIVITY - 0

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MATERIAL SAFETY DATA SHEET

COMPLIES WITH OSHA SAFETY AND HEALTH REGULATIONS, (29 CFR 1910.1200)

U.S. DEPARTMENT OF LABOR

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: THE BIG ONE

PRODUCT USE: QUATERNARY DISINFECTANT

PRODUCT CODE: S226

MSDS NUMBER: KOS : 402

I. SCHNEID, INC.
1429 PALMONT AVE. NW
ATLANTA, GA 30318-4601

EMERGENCIES: (404) 351-4705

REVISION DATE: 012898 (3)

SECTION II. COMPOSITION/INFORMATION ON COMPONENTS

INVENTORY NUMBER	CHEMICAL NAMES	%	TLV(UNITS)
139-08-2	n-ALKYL (C14 60%, C16 30%, C12 5%, C18 5%)DIMETHYL BENZYL AMMONIUM CHLORIDE	2.25	n/e
7479-20-3	n-ALKYL (C12 68%, C14 32%) DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	2.25	n/e

n/e - none established

SECTION III. HAZARDS IDENTIFICATION

Primary Route(s) of Entry

Inhalation, skin contact/absorption, eye contact, ingestion.

Signs and Symptoms of Overexposure

Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.

Target Organ Effects

Repeated overexposure to this product may cause damage to the liver and kidneys. Repeated skin contact may absorb harmful amounts.

Immediate Health Effects

EYES

Exposure may cause noticeable pain, severe irritation and transient corneal injury.

SKIN

Exposure may cause mild skin irritation. Prolonged or repeated exposure may dry the skin. Symptoms may include redness, burning, drying and cracking, and skin burns. Additional symptoms of skin contact may include: allergic skin reaction. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INHALATION

Exposure to vapor or mist is possible. Short term inhalation is not likely to cause harmful effects; breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.

INGESTION

This material is low to moderately toxic. May cause headache, dizziness, gastrointestinal distress, metabolic acidosis, liver and kidney injury.

Reproductive/Developmental Information

No Data

Carcinogenic Information

This material is not listed as a carcinogen by IARC, NTP, or OSHA.

Long Term Effects

Repeated overexposure to this product may cause damage to the liver and kidneys.

SECTION IV FIRST AID MEASURES

EYES

Flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN

Flush skin with plenty of water for at least 15 minutes. Remove and wash contaminated clothing before reuse.

INHALATION

For excessive inhalation, remove to fresh air and get medical attention.

INGESTION

Drink egg whites or gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

SECTION V FIRE FIGHTING MEASURES

Flash Point

No Flash at boil (C.C. Method)

Explosive Limits

Not Applicable

Autoignition Temperature

Not Applicable

Hazardous Products of Combustion

Not Applicable

Extinguishing Media

Not Applicable

Fire Fighting Instructions

Avoid contact with this material. Avoid walking in spilled material. Wear protective clothing for skin and eyes.

NFPA/HMIS Ratings

Health: 2, Flammability: 0, Reactivity: 0

SECTION VI ACCIDENTAL RELEASE MEASURES

Small Spill

Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water down the drain.

Large Spill

Stop leak at the source and collect into a suitable container, then treat as a small spill.

SECTION VII HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed.

Storage

Store in a cool, dry place. Keep container closed when not in use. Shelf life - 2 years minimum.

SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye Protection

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Consult your safety representative.

Skin Protection

Wear rubber gloves (consult your safety equipment supplier).
To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Respiratory Protection

If workplace exposure limits of product or any component are exceeded (see exposure guidelines), a NIOSH/MSHA approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators (negative pressure type) under specified conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.

Engineering Controls

Provide sufficient mechanical (general and local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

SECTION IX PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor

Clear, colorless liquid with mild odor

pH

11.0 - 12.0

Vapor Pressure

Unknown

Vapor Density

Unknown

Boiling Point

>212 degrees F

Solubility in Water

Complete

Evaporation Rate

(Water=1) : < 1

Percent Volatiles

90%

Specific Gravity

(H2O=1) 1.04 +/- 0.02

SECTION X STABILITY AND REACTIVITY

Chemical Stability
Stable

Conditions To Avoid
Avoid temperature extremes

Incompatibility
Will lose activity if mixed with anionics

Hazardous Decomposition
None

Hazardous Polymerization
Will not occur

SECTION XI TOXICOLOGICAL INFORMATION

No Data Available

SECTION XII ECOLOGICAL INFORMATION

No Data Available

SECTION XIII DISPOSAL CONSIDERATION

Waste Disposal Information
Dispose of in accordance with all applicable Federal, State, and
Local regulations.

RCRA Information

If this material becomes a waste, it would be considered hazardous
under 40 CFR 261.22 and would be classified as EPA Waste number D002

SECTION XIV TRANSPORT INFORMATION

DOT Information - 49 CFR 172.101

DOT Description:

COMPOUNDS, CLEANING LIQUID NOT
in barrels, boxes, kits, pails, or packages.
ITEM 48580 Sub 3 (Class 55)

Hazardous Component:
None

Reportable Quantity (RQ) - 49 CFR 172.101
Not applicable

SECTION XV REGULATORY INFORMATION

Federal Regulations

TSCA (Toxic Substances Control Act) Status:
TSCA (UNITED STATES) The intentional ingredients of this product are listed.

CERCLA RQ - 40 CFR 355 Appendix A
None

SARA 302 Components - 40 CFR 355 Appendix A
None

Section 311/312 Hazard Class - 40 CFR 370.2
Immediate (X) Delayed (X) Fire () Reactivity ()
Sudden Release of Pressure ()

SARA 313 Components - 40 CFR 372.65
None

State And Local Regulations

California Proposition 65
None

North Carolina Administrative Code 2B.1104 and 2B.0610
None

South Carolina Regulation 62.5 Standard Number 11
None

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SECTION XVI OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

This information was compiled from current manufacturer's MSDS' for the component parts of the product. As well as other sources, such as:

Code of Federal Regulations 29, Revised as of July 1, 1994.

Code of Federal Regulations 40, Revised as of July 1, 1994.

ACGIH, Guide to Occupational Exposure Values, 1996.

ANSI Z129.1 1994, Precautionary Labeling for Hazardous Industrial Chemicals.

Hazard Communication Handbook, A Right to Know Compliance Guide, Craig A. Moyer & Michael Francis. Clark Broadman Company, LTD. New York, New York. 1996.

RCRA Regulations and Keyword Index, Compiled and Published by McCoy and Associates, Inc. Lakewood, Colorado. 1992.