
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

SU 321**MSDS ID: 77321**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SU 321

Product Code: 77321

Product Function: GERMICIDAL CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
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QUATERNARY AMMONIUM

CHLORIDES (8001-54-5) <5

SODIUM CARBONATE (497-19-8) <5

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION.

Skin: FLUSH WITH FRESH WATER, WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: IF INHALED, REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): N/A

Unusual Fire or Explosion Hazards: NONE KNOWN

Extinguishing Media: CO2, FOAM, DRY CHEMICALS

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR TO PREVENT SKIN CONTACT AND SCBA

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FLUSH SMALL AMOUNTS TO DRAIN; COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. STORE IN DRY PLACE BETWEEN 50 DEGREES F AND 120 DEGREES F. KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: AS REQUIRED BY OSHA
Protective Gloves: NON-ABSORBENT
Respiratory Protection: NONE
Other Protective Clothing/Equipment: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: RED LIQUID, ALCOHOL ODOR
Boiling Point (F): 212 Freezing Point: Not Determined
Specific Gravity: 1.0500 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 88 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: DO NOT MIX CHEMICALS
Hazardous Decomposition Products: CO WITH INCOMPLETE COMBUSTION
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: MAY CAUSE BURNS TO EYES, IRRITATES SKIN
Chronic: SAME AS ACUTE PH 1% SOLUTION 11.4
Medical Conditions Generally Aggravated by Exposure:
Sensitive skin

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, ADD TO OPERATION. NO PHOSPHATES

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

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15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:

CARCINOGENICITY:

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

HMIS Ratings: Health: 3 Fire: 1 Reactivity: 0
Personal Protective Equipment: D

State Right-to-Know Information:

SODIUM CARBONATE - CAS #497-19-8

WATER - CAS #7732-18-5

NONYLPHENOXY POLYETHOXY GLYCOL - CAS #9016-45-9

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE - CAS #68391-01-5

ALKYL DIMETHYLETHYL BENZYL AMMONIUM CHLORIDE - CAS #68959-79-6

QUARTENARY AMMONIUM CHLORIDES - CAS #8001-54-5

16. OTHER INFORMATION

DISCLAIMER: The information contained in this safety data sheet is based on knowledge of this specific product and current national legislation. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the applicability of this information for their particular conditions of storage, handling, and use.