
MATERIAL SAFETY DATA SHEET

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

ACSI032**MSDS ID: ACSI032**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ACSI032
Product Code: ACSI032
Product Function: ALKALINE LIQUID MACHINE DETERGENT
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
SODIUM HYDROXIDE (1310-73-2)	9	TLV C 2; PEL C 2
TRISODIUM NITRILOTRIACETATE (5064-31-3)	4.5	NOT ESTABLISHED

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: GIVE WATER, 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): NONE
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. KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP FROM ACIDS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD WHEN HANDLING
Protective Gloves: ALKALI RESISTANT WHEN HANDLING
Respiratory Protection: NIOSH ALKALINE CARTRIDGE IN HIGH MIST AREAS IF EXPOSURE LIMITS ARE EXCEEDED.
Other Protective Clothing/Equipment: NONE

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: OPAQUE YELLOW VISCOUS LIQUID; NONE
Boiling Point (F): 220 Freezing Point: Not Determined
Specific Gravity: 1.2400 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 74 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN COMPOUNDS, STRONG ACIDS CAUSE VIOLENT REACTIONS.
Hazardous Decomposition Products: CO WITH INCOMPLETE COMBUSTION.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CORROSIVE TO SKIN AND EYES MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT
Chronic: CONTAINS NTA SALTS THAT ARE REPORTED IN HIGH DOSES IN ANIMAL TESTS TO CAUSE CANCER. NTA HAS NOT BEEN REPORTED TO CAUSE CANCER IN HUMANS.
Medical Conditions Generally Aggravated by Exposure: SENSITIVE SKIN, EYES

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 REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL CONTAINS PHOSPHATES REPORTABLE QUANTITY (RQ) OF PRODUCT: 8,333 LBS OR 776 GALLONS (SODIUM HYDROXIDE)

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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

CERCLA/EPCRA/313 Toxic Chemicals:
NONE

CARCINOGENICITY:

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

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

State Right-to-Know Information:

SODIUM HYDROXIDE - CAS #1310-73-2
TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3
WATER - CAS #7732-18-5
SODIUM GLUCOHEPTONATE - CAS #13007-85-7

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.