

ACSI-038

MSDS ID: 00309

## I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ACSI-038  
Product Descriptor: ALKALINE LIQUID MACHINE DETERGENT  
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800)851-7145  
3630 E. KEMPER ROAD  
CINCINNATI, OH. 45241

## II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
SODIUM HYDROXIDE	1310-73-2	>30	TLV C2; PEL C2	MG/M3
TRISODIUM NITRILOTRIACETATE	5064-31-3	>15 <30	NOT ESTABLISHED	

## III. HAZARDS IDENTIFICATION

## EMERGENCY OVERVIEW:

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

## SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: Irritating to skin and eyes. Mists are irritating to skin, eyes and respiratory tract.

CHRONIC: Same as Acute Effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sensitive skin

## IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Flush skin with plenty of water. Remove and launder contaminated clothing before reuse. Get medical attention for irritation or injury.

INGESTION: Do not induce vomiting. Get medical attention. NOTE: Never give anything by mouth to an unconscious person.

INHALATION: Remove to fresh air and seek medical attention.

## V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): N/A FLAME EXTENSION: N/A  
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: NONE UEL: NONE  
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.  
EXTINGUISHING MEDIA: Water, water spray, CO2, foam or dry powder.  
FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.  
SPECIAL INSTRUCTIONS: None required.

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VI. ACCIDENTAL RELEASE MEASURES

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IF MATERIAL IS RELEASED OR SPILLED:

Flush small amounts to drain. Collect and return large amounts to container.

This product does not contain a reportable quantity (RQ) under CERCLA.

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VII. HANDLING AND STORAGE

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HANDLING AND STORAGE PRECAUTIONS: Store at ambient room temperature. Avoid contact with heat or moisture.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

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EYE/FACE PROTECTION: Safety glasses.

PROTECTIVE GLOVES: Not normally required.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Not normally required.

ENGINEERING CONTROLS:

VENTILATION: None required.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

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APPEARANCE AND ODOR: Pourable white slurry.

BOILING POINT (DEG F): 212F

FREEZING POINT: N/A

SPECIFIC GRAVITY/BULK DENSITY: 1.45

pH 1% SOLUTION: N/A

pH: 13.5

VOLATILE BY VOLUME: N/A

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHg): N/A at N/A

VAPOR DENSITY: N/A

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X. STABILITY AND REACTIVITY

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CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Strong oxidizing and reducing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL TESTING: No data available.

TOXICITY TEST DATA:

No data available.

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XII. ECOLOGICAL INFORMATION

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ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

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XIII. DISPOSAL CONSIDERATIONS

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RCRA REGULATED: Not Regulated.

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. Dispose in a manner consistent with local, state, and federal regulations.

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XIV. TRANSPORT INFORMATION

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

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XV. REGULATORY INFORMATION

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U.S. Federal Regulations:

TSCA: All ingredients in this product are on TSCA inventory.

HAPS: Contains no hazardous air pollutants.

VOC CONTENT (EPA Method 24A): % VOC: Lb/Gal VOC:

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

None

SARA Section 311/312:

ACUTE:NO CHRONIC:NO FIRE:NO REACTIVITY:NO

SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: A

NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY:0 SPECIAL:-

STATE RIGHT-TO-KNOW INFORMATION:

SODIUM HYDROXIDE - CAS #1310-73-2

TRISODIUM NITRILOTRIACETATE - CAS #5064-31-3

WATER - CAS #7732-18-5

POLYACRYLIC ACID - PROPRIETARY

SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

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XVI. OTHER INFORMATION

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Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. 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 handling, and use.