
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
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LIQUID SAF-T-SHINE**MSDS ID: 02137**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: LIQUID SAF-T-SHINE

Product Code: 02137

Product Function: ALKALINE LIQUID 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
POTASSIUM HYDROXIDE (1310-58-3)	<15	TLV C 2; PEL C 2

MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: NO

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.

Inhalation: Remove to fresh air.

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 PROTECTIVE GEAR AND SELF CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

Flush small amounts to drain; collect and return large amounts to container.

7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD WHEN HANDLING
Protective Gloves: ALKALI RESISTANT
Respiratory Protection: IF PEL/TLV MAY BE EXCEEDED, USE A NIOSH APPROVED
HIGH EFFICIENCY PARTICULATE FILTER.
Other Protective Clothing/Equipment: CLOTHING TO PREVENT SKIN CONTACT. EYE
WASH IN USE AREA.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR BLUE LIQUID; NONE
Boiling Point (F): 320 Freezing Point: Not Determined
Specific Gravity: 1.2700 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 70 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: CONCENTRATED MINERAL ACIDS
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: SAME AS ACUTE
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN AND 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

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:

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

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 SILICATE - CAS #1344-09-8

POTASSIUM HYDROXIDE - CAS #1310-58-3

WATER - CAS #7732-18-5

SODIUM TRIPOLY PHOSPHATE - CAS #7758-29-4

SODIUM POLYAERYLATE - CAS #9003-04-7

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.