
MATERIAL SAFETY DATA SHEET

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

DLC-1**MSDS ID: 01155**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DLC-1

Product Code: 01155

Product Function: CIP CLEANER

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient Name(CAS Number)	%	Exposure Limits
SODIUM HYDROXIDE (1310-73-2)	<25	TLV C 2; PEL C 2 MG/M3
POTASSIUM HYDROXIDE (1310-58-3)	<4	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. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: N/A

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: NONE KNOWN

Extinguishing Media: CO2; DRY CHEMICAL

Fire Fighting Instructions: NONE

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER
REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 4444 LBS. OR 419 GAL.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. NO SPECIAL SEPARATION OR STORAGE. KEEP COVER ON DRUM. IF FROZEN, THAW AND MIX TO MAKE USABLE.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD
Protective Gloves: ALKALI RESISTANT
Respiratory Protection: NONE
Other Protective Clothing/Equipment: APRONS AND BOOTS FOR PERSONNEL WORKING AROUND HEATED TANKS OF THIS PRODUCT.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: HAZY AMBER LIQUID, NO ODOR
Boiling Point (F): 215 Freezing Point: Not Determined
Specific Gravity: 1.2750 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 75 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: FLAMMABLE LIQUIDS, ACTIVE METALS, ORGANIC HALOGEN
Hazardous Decomposition Products: CO WITH INCOMPLETE COMPOUNDS, STRONG ACIDS CAUSE COMBUSTION. VIOLENT REACTIONS.
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 EYES, SKIN, IMPAIRED PULMONARY FUNCTION.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

ADJUST ALKALINITY; LESS THAN 0.5% PHOSPHORUS. USE UNTIL LESS THAN 1 INCH REMAINS. TRIPLE RINSE WITH WATER. DISCARD TO SEWERS. REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL.

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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

POTASSIUM HYDROXIDE - CAS #1310-58-3

WATER - CAS #7732-18-5

NITRILOTRIMETHYLENE TRIS (PHOSPHONIC ACID) - CAS #6419-19-8

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.