

IODINE BACKFLUSH CLEANER

MSDS ID: 00648

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: IODINE BACKFLUSH CLEANER

Product Code: 00648

Product Function: LIQUID ACID 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	
PHOSPHORIC ACID (7664-38-2)	16	TLV 1; PEL 1; STEL 3	MG/M3
ISOPROPYL ALCOHOL	20	TLV 983; PEL 1230	MG/M3

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.

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

Inhalation: REMOVE TO FRESH AIR. IF DIFFICULT BREATHING, GIVE OXYGEN. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): 82

Unusual Fire or Explosion Hazards: IRRITATING IODINE VAPORS RELEASED AT OR ABOVE 140 F. FLAMMABLE LIQUID.

Extinguishing Media: WATER OR WATER FOG

Fire Fighting Instructions: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR TO PREVENT SKIN CONTACT WITH ACIDIC SOLUTIONS.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

DIKE SPILL. VACUUM OR ABSORB WITH CLAY OR SAND. PLACE IN AN APPROPRIATE COVERED CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE ALKALI AND FLUSH TO SANITARY SEWER. CERCLA PRODUCT R.Q.: PHOSPHORIC ACID 31,746 LBS. OR 3,488 GAL.

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7. HANDLING AND STORAGE

DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN. FLAMMABLE, KEEP AWAY FROM OPEN FLAMES OR SPARKS.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: GOGGLES WHEN POURING OR SPLASH HAZARD EXISTS.
Protective Gloves: ACID RESISTANT
Respiratory Protection: USE APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV.
Other Protective Clothing/Equipment: ACID RESISTANT CHEMICAL APRON WHEN HANDLING.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: DARK BROWN LIQUID, IODINE ODOR
Boiling Point (F): 212 Freezing Point: Not Determined
Specific Gravity: 1.0900 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 82 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: CONCENTRATED ALKALIS, SOFT METALS, OR CHLORINATED COMPOUNDS.
Hazardous Decomposition Products: PHOSPHORUS OXIDES
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: DANGER - CAUSES BURNS TO SKIN AND EYES. MISTS CAUSE SEVERE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. PULMONARY EDEMA. CAUSES BURNS TO DIGESTIVE TRACT. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED.
Chronic: REPEATED OVEREXPOSURE MAY CAUSE DEPRESSION OF THYROID.
Medical Conditions Generally Aggravated by Exposure: SENSITIVE SKIN AND EYES, MAY AGGRAVATE RESPIRATORY DISEASE.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. REMOVE OR DEFACE CONTAINER LABEL BEFORE SELLING, DISPOSAL OR RECYCLING. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. MAY BE TOXIC TO FISH OR AQUATIC LIFE.

MATERIAL SAFETY DATA SHEET

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

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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:**

THIS PRODUCT CONTAINS PHOSPHORIC ACID (7664-38-2) AT 16%. SARA TITLE III; SECTION 313 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: 2 Reactivity: 0
Personal Protective Equipment: C

State Right-to-Know Information:

PHOSPHORIC ACID - CAS #7664-38-2

WATER - CAS #7732-18-5

ISOPROPYL ALCOHOL - CAS #67-63-0

POTASSIUM TRIIODIDE COMPLEX - CAS #12298-68-9

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.