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**MATERIAL SAFETY DATA SHEET**

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

**DIVOSAN-34****MSDS ID: 01249**

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: DIVOSAN-34

Product Code: 01249

Product Function: ACIDIC CLEANER

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

EMERGENCY PHONE NUMBER: (800)851-7145

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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| Ingredient Name(CAS Number)     | %   | Exposure Limits                 |
|---------------------------------|-----|---------------------------------|
| -----                           |     |                                 |
| EPA REGISTERED PRODUCT #875-136 |     |                                 |
| PHOSPHORIC ACID (7664-38-2)     | <57 | TLV 1; PEL 1; ST 3 MG/M3        |
| ISOPROPANOL (67-63-0)           | <13 | TLV 980; PEL 980; ST 1225 MG/M3 |

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**3. HAZARDS IDENTIFICATION**

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Primary Routes of Entry

Inhalation: YES

Skin: NO

Ingestion: YES

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**4. FIRST AID MEASURES**

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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 IN NORMAL OPERATIONS

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**5. FIRE FIGHTING MEASURES**

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Flash Point (degrees F): 111

Unusual Fire or Explosion Hazards: LIQUID CAN PRODUCE HYDROGEN IN CONTACT WITH METALS.

Extinguishing Media: CO2, FOAM

Fire Fighting Instructions: OVERALL PROTECTION OF PERSONNEL IF VAPORS ARE ENCOUNTERED.

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**6. ACCIDENTAL RELEASE MEASURES**

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If Material is Released or Spilled:

ABSORB SMALL AMOUNTS ON FLOOR DRY MATERIAL, COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER OR TREAT WITH SODIUM BICARBONATE REPORTABLE QUANTITY (R.Q.) OF PRODUCT: 10256 LBS. OR 969 GAL.

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**7. HANDLING AND STORAGE**

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

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Eye/Face Protection: FACE SHIELD  
Protective Gloves: NON-ABSORBENT  
Respiratory Protection: NONE  
Other Protective Clothing/Equipment: NONE

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: CLEAR LIQUID; MILD ODOR  
Boiling Point (F): 215 Freezing Point: Not Determined  
Specific Gravity: 1.3400 pH: Not Determined  
pH 1% SOLUTION: Not Determined  
Volatile (% by Vol.): 28 Solubility in Water: 100

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**10. STABILITY AND REACTIVITY**

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Chemical Stability: STABLE  
Incompatibility With Other Materials: CONCENTRATED ALKALINE PRODUCTS  
Hazardous Decomposition Products: OXIDES OF PHOSPHORUS AT EXTREMELY HIGH TEMPERATURES  
Hazardous Polymerization: None

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**11. TOXICOLOGICAL INFORMATION**

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Signs and Symptoms of Overexposure:  
Acute: SKIN/SEVERE EYE DAMAGE.HARMFUL OR FATAL IF SWALLOWED MISTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT  
Chronic: SAME AS ACUTE  
Medical Conditions Generally Aggravated by Exposure:  
SENSITIVE SKIN AND EYES.

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**12. ECOLOGICAL INFORMATION**

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No data available.

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**13. DISPOSAL CONSIDERATIONS**

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PH ADJUSTMENT; CONTAINS PHOSPHATES; NO PHENOLS OR HEAVY METAL ION USE UNTIL LESS THAN 1 INCH REMAINS IN CONTAINER, EMPTY CONTAINER TRIPLE RINSE WITH WATER, DISPOSE TO INDUSTRIAL OR SANITARY SEWER REMOVE OR DEFACE LABEL BEFORE SELLING CONTAINER OR DISPOSAL

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**14. 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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**15. REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS:****CERCLA/EPCRA/313 Toxic Chemicals:**

FSD-34 CONTAINS THESE SARA TITLE III SECTION 313 CHEMICALS AS INGREDIENTS IN THE FOLLOWING CONCENTRATIONS: PHOSPHORIC ACID CAS #7664-38-2 AT 56.25%.

**CARCINOGENICITY:**

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

HMIS Ratings: Health: 3      Fire: 2      Reactivity: 0  
Personal Protective Equipment: B

**State Right-to-Know Information:**

PHOSPHORIC ACID - CAS #7664-38-2

2-PROPANOL - CAS #67-63-0

WATER - CAS #7732-18-5

BENZENE SULFONIC ACID, DODECYL - CAS #27176-87-0

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**16. OTHER INFORMATION**

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**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.