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**MATERIAL SAFETY DATA SHEET**

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

**DIVERGARD B-211****MSDS ID: 01267**

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**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

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Product Name: DIVERGARD B-211

Product Code: 01267

Product Function: PASTEURIZING TREATMENT COMPOUND

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

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| Ingredient Name(CAS Number)  | %   | Exposure Limits   |
|------------------------------|-----|-------------------|
| SODIUM BROMIDE (7647-15-6)   | <42 | TWA 10, STEL NONE |
| WATER (7732-18-5)            | 58  | NONE ESTABLISHED  |
| EPA REG. NUMBER #8622-49-875 |     |                   |

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**3. HAZARDS IDENTIFICATION**

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Primary Routes of Entry

Inhalation: NO

Skin: YES

Ingestion: YES

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**4. FIRST AID MEASURES**

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Eyes: IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS.

Skin: IMMEDIATELY FLUSH WITH FRESH WATER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHES AND SHOES.

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

Inhalation: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED.

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**5. FIRE FIGHTING MEASURES**

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Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: COMBUSTION GENERATES TOXIC GASES.

Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL

Fire Fighting Instructions: USE WATER SPRAY TO COOL CONTAINERS, MINIMIZE EXPOSURE. DO NOT BREATHE FUMES.

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**6. ACCIDENTAL RELEASE MEASURES**

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If Material is Released or Spilled:

FLUSH SMALL AMOUNTS TO SANITARY SEWER. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER, RINSE ARE WITH WATER. NOT A RCRA HAZARDOUS WASTE. CERCLA PRODUCT R.Q.: NO REPORTABLE QUANTITY ESTABLISHED.

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**7. HANDLING AND STORAGE**

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KEEP FROM FREEZING. STORE BETWEEN 40-100 F. KEEP CONTAINER CLOSED. KEEP OUT OF THE REACH OF CHILDREN.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Eye/Face Protection: CHEMICAL SPLASH GOGGLES  
Protective Gloves: RUBBER, PVC, OR CHEMICAL RESISTANT  
Respiratory Protection: USUALLY NOT REQUIRED. MONITOR FOR EXPOSURE EXCEEDING TLV.  
Other Protective Clothing/Equipment: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDRY CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance and Odor: CLEAR COLORLESS LIQUID WITH NO ODOR.  
Boiling Point (F): 234 Freezing Point: Not Determined  
Specific Gravity: 1.4000 pH: Not Determined  
pH 1% SOLUTION: Not Determined  
Volatile (% by Vol.): 62 Solubility in Water: 100

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**10. STABILITY AND REACTIVITY**

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Chemical Stability: STABLE  
Incompatibility With Other Materials: ACIDS, HEAVY METAL SALTS, BROMINE TRIFLUORIDE.  
Hazardous Decomposition Products: COMBUSTION GENERATES TOXIC GASES OF BROMINE GAS AND SODIUM OXIDE.  
Hazardous Polymerization: None

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**11. TOXICOLOGICAL INFORMATION**

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Signs and Symptoms of Overexposure:  
Acute: MAY IRRITATE EYES. PROLONGED EXPOSURE MAY CAUSE SKIN IRRITATION.  
Chronic: SAME AS ACUTE.  
Medical Conditions Generally Aggravated by Exposure:  
Sensitive skin

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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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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 OR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. CONTAINS NO PHOSPHORUS. PRODUCT IS A NON-HAZARDOUS WASTE UNDER RCRA.

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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:

PRODUCT NOT COVERED UNDER SARA TITLE III, PART 313.

**CARCINOGENICITY:**

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

HMIS Ratings: Health: 1      Fire: 0      Reactivity: 0  
Personal Protective Equipment: B

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

SODIUM BROMIDE CAS# 7647-15-6

WATER CAS# 7732-18-5

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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.