
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/15/03
Printed 2/03/04

BR-5512-S**MSDS ID: 00635**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BR-5512-S

Product Code: 00635

Product Function: HIGHLY ALKALINE 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
SODIUM HYDROXIDE (1310-73-2)	<70	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: Remove to fresh air.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: MATERIAL DISSOLVES IN WATER WITH EVOLUTION OF HEAT

Extinguishing Media: CO2, DRY CHEMICALS

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

PRODUCT R.Q. = 1,429 LBS. (SODIUM HYDROXIDE)

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7. HANDLING AND STORAGE

STORE IN DRY PLACE KEEP CONTAINER COVERED GLOVES AND FACE SHIELD WHEN STEAM CLEANING ADEQUATE VENTILATION.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: FACE SHIELD
Protective Gloves: ALKALI RESISTANT
Respiratory Protection: NONE
Other Protective Clothing/Equipment: BOOTS AND APRON WHEN STEAM CLEANING AND WHILE WORKING AROUND HEATED TANK OF PRODUCTS

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: TAN TO BROWN POWDER;MILD ODOR
Boiling Point (F): N/A Freezing Point: Not Determined
Specific Gravity: 1.1500 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 0 Solubility in Water: 20

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 DUSTS ARE CORROSIVE TO SKIN, EYES AND RESPIRATORY TRACT
Chronic: SAME AS ACUTE
Medical Conditions Generally Aggravated by Exposure:
Sensitive skin

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 PH ADJUSTMENT; SEPARATION OF INSOLUBLES. CONTAINS NO PHOSPHATES.

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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: 1
Personal Protective Equipment: D

State Right-to-Know Information:

SODIUM HYDROXIDE - CAS #1310-73-2
SODIUM CARBONATE - CAS #497-19-8
SODIUM METASILICATE - CAS #6834-92-0
SODIUM GLUCONATE - CAS #527-07-1

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.