
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
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DIVERFOAM RF**MSDS ID: 00649**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: DIVERFOAM RF

Product Code: 00649

Product Function: LIQUID CHLORINATED 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	
POTASSIUM HYDROXIDE (1310-58-3)	<2	TLV C 2; PEL C 2	MG/M3
SODIUM HYPOCHLORITE (7681-52-9)	3	NONE ESTABLISHED	
SODIUM HYDROXIDE (1310-73-2)	10	TLV C2; PEL C2	MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION.

Skin: IMMEDIATELY FLUSH WITH FRESH WATER. REMOVE CONTAMINATED CLOTHES AND SHOES. GET PROMPT MEDICAL ATTENTION.

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

Inhalation: REMOVE TO FRESH AIR. IF DIFFICULTY BREATHING, GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: LIQUID CORROSIVE MATERIAL

Extinguishing Media: WATER SPRAY, CO2, DRY CHEMICAL

Fire Fighting Instructions: WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS (SCBA) IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

NAERG #154 CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. NEUTRALIZE RESIDUE WITH DILUTE MINERAL ACID. CERCLA PRODUCT RQ = SODIUM HYPOCHLORITE - 256 GAL. SODIUM HYDROXIDE - 1,000 GAL, POTASSIUM HYDROXIDE - 5,524 GAL.

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7. HANDLING AND STORAGE

STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. KEEP AWAY FROM ACIDS. WASH SPILL AREA THOROUGHLY WITH WATER.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GOGGLES, OR FACE SHIELD
Protective Gloves: RUBBER/CHEMICAL RESISTANT
Respiratory Protection: WEAR NIOSH/MSHA APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV. IN MIST, SPRAY, OR DUSTY CONDITIONS.
Other Protective Clothing/Equipment: WEAR APRON, PROTECTIVE CLOTHING AND FOOTWEAR. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: CLEAR LIGHT YELLOW LIQUID; SLIGHT CHLORINE ODOR
Boiling Point (F): 214 Freezing Point: Not Determined
Specific Gravity: 1.2100 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 78 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: ACIDS, FLAMMABLE LIQUIDS, SOFT METALS (ALUMINUM), NITROGEN CONTAINING COMPOUNDS, ORGANIC HALOGENS
Hazardous Decomposition Products: CHLORINE OR ORGANO-CHLORINE GASES WHEN MIXED WITH ACIDS OR HEATED ABOVE 250 DEGREES F. HYDROGEN GAS UPON CONTACT WITH ALUMINUM.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:

Acute: CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL OR FATAL IF SWALLOWED.

Chronic: NO KNOWN HAZARDS

Medical Conditions Generally Aggravated by Exposure:

SENSITIVE SKIN. DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE.

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12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

CORROSIVE MATERIAL - D004 RCRA HAZARDOUS DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER WITH WATER; ADD RINSATE TO OPERATION WHENEVER POSSIBLE.

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:

ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.

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

SODIUM POLYACRYLATE - CAS #25212-88-8

SODIUM HYPOCHLORITE - CAS #7681-52-9

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.