
MATERIAL SAFETY DATA SHEET

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

BENEFIT**MSDS ID: 08306**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BENEFIT

Product Code: 08306

Product Function: ALKALINE 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
SODIUM HYDROXIDE (1310-73-2)	<17	TLV 2; PEL 2
SODIUM HYPOCHLORITE (7681-52-9)	3	NONE ESTABLISHED

MG/M3

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: NO

Skin: NO

Ingestion: NO

4. FIRST AID MEASURES

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. REMOVE CONTAMINATED CLOTHES AND SHOES.

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

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): N/A

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:

CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. WASH SPILL AREA THOROUGHLY WITH WATER. CERCLA PRODUCT RQ = SODIUM HYDROXIDE - 5,555 LBS OR 524 GALLONS, SODIUM HYPOCHLORITE - 3,333 LBS OR 313 GALLONS

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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. DO NOT MIX WITH ACIDS OR AMMONIA COMPOUNDS AS TOXIC GAS MAY BE RELEASED.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD
Protective Gloves: RUBBER/CHEMICAL RESISTANT
Respiratory Protection: WEAR APPROVED CARTRIDGE RESPIRATOR TO MAINTAIN PEL/TLV IN MIST OR SPRAY 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; STRONG CHLORINE ODOR
Boiling Point (F): 218 Freezing Point: Not Determined
Specific Gravity: 1.2200 pH: Not Determined
pH 1% SOLUTION: Not Determined
Volatile (% by Vol.): 55 Solubility in Water: 100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: ACIDS, NITROGEN CONTAINING COMPOUNDS, AND OXIDIZERS
Hazardous Decomposition Products: RELEASES IRRITATING AND TOXIC CHLORINATED GAS AT 250 DEGREES F
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: CAUSES BURNS TO EYES AND SKIN WITH PAIN, REDNESS, AND SWELLING. INHALATION MAY CAUSE IRRITATION OR BURNS TO RESPIRATORY TISSUE WITH COUGHING OR CHOKING. SWALLOWING CAUSES PAIN, NAUSEA, AND POSSIBLE TISSUE DAMAGE.
Chronic: NO KNOWN CHRONIC HAZARDS
Medical Conditions Generally Aggravated by Exposure:
SENSITIVE SKIN, DUST OR MIST MAY AGGRAVATE RESPIRATORY DISEASE

12. ECOLOGICAL INFORMATION

No data available.

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13. DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. TRIPLE RINSE EMPTY CONTAINER AND ADD RINSATE TO OPERATION. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.

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

SODIUM HYPOCHLORITE - CAS #7681-52-9

SODIUM METASILICATE - CAS #7834-92-0

SODIUM POLYACRYLATE - CAS #9003-01-4

WATER - CAS #7732-18-5

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.