
MATERIAL SAFETY DATA SHEET

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

BWT 2430

MSDS ID: 09309

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: BWT 2430

Product Code: 09309

Product Function: LIQUID BOILER WATER TREATMENT

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
AMMONIUM HYDROXIDE (1336-21-6)	10	TLV 18, PEL 27

3. HAZARDS IDENTIFICATION

Primary Routes of Entry

Inhalation: YES

Skin: YES

Ingestion: YES

4. FIRST AID MEASURES

Eyes: IMMEDIATELY FLUSH WITH PLENTY OF FRESH WATER. 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 ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Inhalation: REMOVE TO FRESH AIR. GET MEDICAL ATTENTION.

5. FIRE FIGHTING MEASURES

Flash Point (degrees F): NONE

Unusual Fire or Explosion Hazards: LIQUID CORROSIVE MATERIAL WHICH MAY RELEASE TOXIC OR HAZARDOUS GASES OR VAPORS OF CHLORINE OR ORGANO-CHLORINE.

Extinguishing Media: WATER, WATER FOG, CO2, DRY CHEMICAL

Fire Fighting Instructions: WEAR PROTECTIVE FIREFIGHTING GEAR AND SELF-CONTAINED BREATHING APPARATUS IN FIRE AREA.

6. ACCIDENTAL RELEASE MEASURES

If Material is Released or Spilled:

SWEEP UP PRODUCT AND PLACE IN A METAL CONTAINER. WASH AFFECTED AREA WITH WATER. CERCLA PRODUCT R.Q.: NOT ESTABLISHED

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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 OR HAZARDOUS GASES MAY BE RELEASED).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	CLEAR, COLORLESS LIQUID WITH A MILD AMMONIA ODOR.
Boiling Point (F):	210
Freezing Point:	Not Determined
Specific Gravity:	0.9680
pH:	Not Determined
pH 1% SOLUTION:	Not Determined
Volatile (% by Vol.):	100
Solubility in Water:	100

10. STABILITY AND REACTIVITY

Chemical Stability: STABLE
Incompatibility With Other Materials: DO NOT MIX PRODUCT WITH ACIDS, NITROGEN CONTAINING CHEMICALS SUCH AS AMMONIA, OXIDIZING AGENTS, OR POWDERED CHLORINATED CLEANERS.
Hazardous Decomposition Products: THERMAL DECOMPOSITION OF PRODUCT MAY FORM TOXIC OR HAZARDOUS OXIDES OF CARBON, NITROGEN, AND AMMONIA.
Hazardous Polymerization: None

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Overexposure:
Acute: MAY CAUSE EYE AND SKIN IRRITATIONS RESULTING IN PAIN, REDNESS, SWELLING, AND ITCHING. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE DIARRHEA, VOMITING, AND GASTRIC DISTRESS WITH PAIN. MAY CAUSE SLIGHT IRRITATIONS OF NOSE AND THROAT IF INHALED.
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

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. 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:

THIS PRODUCT CONTAINS NO SARA TITLE III, SECTION 313 CHEMICALS.

CARCINOGENICITY:

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

HMIS Ratings: Health: 3 Fire: 0 Reactivity: 0
Personal Protective Equipment: C

State Right-to-Know Information:

AMMONIUM HYDROXIDE - CAS #1336-21-6

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.