
MATERIAL SAFETY DATA SHEET

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

CONFIDENCE 82**MSDS ID: 04488**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: CONFIDENCE 82
PRODUCT DESCRIPTOR: BOILER WATER TREATMENT
MANUFACTURER: JOHNSON DIVERSEY, INC. EMERGENCY PHONE NUMBER: (800) 851-7145
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

II. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME(CAS NUMBER)	%	EXPOSURE LIMITS	UNITS
POTASSIUM HYDROXIDE (1310-58-3)	<10	TLV C2	MG/M3
SODIUM METABISULFITE (7681-57-4)	<20	TWA 5	MG/M3

III. HAZARDS IDENTIFICATION

ROUTES OF ENTRY: INHALATION: YES
SKIN: YES
INGESTION: YES
SIGNS AND SYMPTOMS OF EXPOSURE:
ACUTE: MAY CAUSE BURNS TO SKIN AND EYES; MISTS CAUSE RESPIRATORY TRACT IRRITATION
CHRONIC: SAME AS ACUTE
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SENSITIVE SKIN, EYES

IV. 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.
INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.
INHALATION: N/A IN NORMAL OPERATION.

V. FIRE FIGHTING MEASURES

FLASH POINT: N/A	DEG F	FLAME EXTENSION: N/A	IN.
FLAMMABLE LIMITS IN AIR BY VOLUME:		LEL: N/A	UEL: N/A
UNUSUAL FIRE OR EXPLOSION HAZARDS:		NONE KNOWN	
EXTINGUISHING MEDIA:		WATER, CO2, DRY CHEMICALS, FOAM	
FIRE FIGHTING INSTRUCTIONS:		WEAR SELF CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE.	

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VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED: IN CASE OF SPILL, COLLECT AS MUCH OF THE MATERIAL AS POSSIBLE, WITH REMAINING PRODUCT, ABSORB ON INERT MATERIAL SUCH AS CLAY OR SAND. CONTAINS SUFITES. DOT CLASS: CAUSTIC ALKALI LIQUIDS, N.O.S., (POTASSIUM HYDROXIDE, (CORROSIVE LIQUID)), UN1719, PG III, D.O.T. EMERGENCY GUIDE NO. 60

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: DO NOT PRESSURE CONTAINER TO EMPTY, KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: GOGGLES OR FACESHIELD
PROTECTIVE GLOVES: ALKALI RESISTANT
RESPIRATORY PROTECTION: USE ALKALINE CARTRIDGE RESPIRATOR IF SYMPTOMS OF IRRITATION TO TESTS SHOW TLV IS EXCEEDED
OTHER PROTECTIVE CLOTHING/EQUIPMENT: APRON AND BOOTS WHEN HANDLING.
EXPOSURE GUIDELINES: SEE SECTION II FOR DETAILED INFORMATION.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (F):	215	SPECIFIC GRAVITY:	1.2900
VOLATILE BY VOLUME:	80	SOLUBILITY IN WATER:	100
VAPOR PRESSURE (MMHG):	17.5	AT 20 C	
APPEARANCE AND ODOR:	YELLOW AMBER LIQUID; NO ODOR		

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: STABLE
INCOMPATIBILITY WITH OTHER MATERIALS: STRONG OXIDIZERS AND ACIDS
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON, SULFUR AND NITROGEN
HAZARDOUS POLYMERIZATION: NONE KNOWN

XI. TOXICOLOGICAL INFORMATION

NO DATA AVAILABLE

XII. ECOLOGICAL INFORMATION

NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: PRODUCT NEUTRALIZATION REQUIRED FOR DISPOSAL. CONTAINS NO PHOSPHATES. USE UNTIL LESS THAN ONE INCH REMAINS IN CONTAINER, EMPTY CONTAINER. TRIPLE RINSE CONTAINER WITH WATER, ADD TO OPERATION. DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REQUIREMENTS

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XIV. TRANSPORT INFORMATION

HAZARDOUS MATERIALS DESCRIPTION/PROPER SHIPPING NAME:
Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:
CERCLA/EPCRA:SECTION 313 TOXIC CHEMICALS:
NONE ALL CHEMICAL INGREDIENTS ARE LISTED ON THE TSCA INVENTORY.
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 3 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: D
STATE RIGHT-TO-KNOW INFORMATION:
POTASSIUM HYDROXIDE CAS#1310-58-3
WATER CAS#7732-18-5
SODIUM POLYMETHACRYLATE CAS#54193-36-1
SODIUM METABISULFITE CAS#7681-57-4

XVI. OTHER INFORMATION

THE INFORMATION IN THIS MSDS RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED OTHER THAN AS RECOMMENDED BY DIVERSEY LEVER OR IN COMBINATION WITH OTHER MATERIALS. IT IS THE USER'S RESPONSIBILITY TO EVALUATE THE APPLICABILITY OF THIS INFORMATION FOR HIS PARTICULAR CONDITIONS OF STORAGE, HANDLING AND USE.