

MATERIAL SAFETY DATA SHEET

BWT 2153 Product Name Emergency (800)831-9889 I 09469470 UPC-A SCC Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 08/26/1996 Date Indentification **CINCINNATI, OH 45241-2046 BOILER WATER TREATMENT** Chemical Family **Exposure Limits** Units Chemical Name of Hazardous Ingredient Π POTASSIUM HYDROXIDE (1310-58-3) 5-8 ACGIH: 2 OSHA: 2 MG/M3 **SODIUM SULFITE (7757-83-7)** NONE ESTABLISHED Composition/ <15 Information on Ingredients CAUSES BURNS TO EYES AND SKIN. INHALATION OF MISTS OR DUSTS IRRITATES OR CAUSES BURNS TO RESPIRATORY SYSTEM AND LUNG TISSUE. HARMFUL IF SWALLOWED. Signs U CAUSES SEVERE BURNS TO MOUTH AND THROAT WITH PAIN, and REDNESS AND VOMITING. Symptoms NO KNOWN HAZARDS Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability Reactivity D SENSITIVE SKIN; DUST OR MIST MAY AGGRAVATE RESPIRATORY Conditions Aggravated DISEASE. Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes IMMEDIATELY FLUSH THOROUGHLY WITH FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF EYES ARE INJURED OR IRRITATION PERSISTS First Aid Measures 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. WEAR FULL PROTECTIVE GEAR AND SELF-CONTAINED BREATHING APPARATUS Fire Control Measures/ (SCBA) IN FIRE AREA. Equipment V Flammable Property Info Fire Fighting LIQUID CORROSIVE MATERIAL **Explosion Info** Measures Extinguishing Media WATER SPRAY, CO2, DRY CHEMICAL Gases

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VI Accidental Measures	Spill and Leak Clean UP Procedures CONTAIN SPILL. ABSORB SMALL AMOUNTS ON SAND OR CLAY. PLACE IN COMPATIBLE CONTAINER. WASH SPILL AREA THOROUGHLY WITH WATER. PRODUCT IS STRONGLY ALKALINE. CERCLA PRODUCT R.Q.: 17,241 LBS. OR 1,796 GALLONS
	Environmental Precautions
	Ventilation Required? TLV LEV Instructions MAINTAIN PEL/TLV
VII Handling and Storage	Safe Storage, Handling and Use Instructions STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED WHEN MOVING OR NOT IN USE. KEEP OUT OF THE REACH OF CHILDREN. ADD SLOWLY TO WATER OR ACID SOLUTIONS TO MINIMIZE LOCAL HEAT GENERATION.
	Imcompatible Materials
	Protective Gloves RUBBER/CHEMICAL RESISTANT.
VIII	Eye Protection CHEMICAL GOGGLES, SIDE SHIELDED SAFETY GLASSES, OR FACE SHIELD.
Exposure Controls/ Personal Protection	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. LAUNDER CLOTHES BEFORE REUSE. SAFETY SHOWER/EYE WASH.
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure 21.4 MmHg@ 20 °C Vapor Density(Air=1 N/A pH Water Solubility 100 %
Physical and Chemical Properties	Appearance & Odor CLEAR COLORLESS LIQUID WITH NO ODOR.
	Boiling Point 220 °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity 1.16 Volatile by Volume 75 %
	Evaporation Rate(n-Butyl Acetate=1) <1
X	Peroxide, Pyrophoric, Unstable or Water Reactive N/A
	Reactivity and Hazardous Polymerization NONE Possible Hazardous Reactions
Λ	Conditions to Avoid
Stability and Reactivity	Materials To Avoid ACIDS, FLAMMABLE LIQUIDS, ORGANIC HALOGENS, SOFT METALS.
	Hazardous NONE KNOWN Decomposition Products
XI Toxicological Information	
XII Ecological Information	Possible Effects and Environmental Fate
	Degradability
	Aquatic Toxicity Method of
XIII Disposal Consideration	Disposal, Residues and Safe Handling DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, OR FEDERAL REGULATIONS. REMOVE OR DEFACE LABEL BEFORE SELLING, RECYCLING, OR DISPOSAL OF CONTAINER.
	Disposal of NONE KNOWN Contaminated Material
XIV	CONTACT DISTR. DEPT. FOR DESCRIPTION
Transport Information	
XV-Regulatory Information XVI-Other Information	
S.A.R.A. Title III Section 313	NONE
State Right to Know Information	TETRASODIUM ETHYLENEDIAMINE TETRAACETATE 64-02-8 POTASSIUM HYDROXIDE - CAS #1310-58-3 SODIUM SULFITE - CAS #7757-83-7 WATER - CAS #7732-18-5 SODIUM POLYACRYLATE - CAS #9003-01-4