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SAFETY DATA SHEET

CHEMICAL EMERGENCY CALL - CHEMTREC 800-424-9300

Contract # : 424-93

1 PRODUCT INFORMATION

PRODUCT TRADE NAME All Brite

SYNONYMS NONE

CHEMICAL FAMILY Oxidizer

INTENDED USE Laundry Aid

National Fire Protection Association (NFPA) Rating:

HEALTH 3 FLAMMABILITY 0 REACTIVITY 1 Oxidizer

Hazardous Materials Identification System (HMIS) Rating

HEALTH 3 FLAMMABILITY 0 REACTIVITY 1 PERSONAL PROTECTION C

This Material Safety Data Sheet complies with 29 CFR 1910.1200 OSHA Communication Standard

2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical Form : Liquid

Color : Clear

Odor : Odorless

Health: This product has no known adverse effect on human health.

Physical Hazards : Oxidizer, Corrosive

OSHA Hazardous Substance This material is classified as NOT HAZARDOUS under OSHA regulations.

Potential Health Effects : Corrosive to eyes, skin, nose, throat & lungs – may cause irreversible tissue

Primary Route(s) of Entry : damage to the eyes including blindness
Ingestion , Inhalation , Eyes

3 Hazardous Compounds/ Ingredients

Components	CAS Number	Weight %
There are hazardous compounds or ingredients as per TSCA, RCRA 40 CFR261 , SARA 313.		
	7722-84-1	34-35%

This product does NOT contain any of the following chemical compounds:

Lead, cadmium, mercury or hexavalent chromium above a total of 100 ppm.

Phthalates

MAK III (German Azo Ordinance) Amines

PCB

4 FIRST AID MEASURES

Eyes: In the case of contact with eyes, rinse immediately with plenty of water and seek medical attention.

Skin : Wash thoroughly with water, remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention if irritation should develop.

Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

Ingestion : Do not induce vomiting. If vomiting should occur spontaneously, keep airway clear. Get medical attention.

5 FIRE FIGHTING MEASURES

Fire Fighting Measures : Standard procedures for chemical fires, flood with water. Suitable Extinguishing

Media: Carbon dioxide, dry chemical, foam or water spray.

Fire Fighting Equipment: Wear self-contained breathing apparatus and protective suit.

Hazardous Combustion Products: None

6 ACCIDENTAL RELEASE MEASURES

Cleanup Instructions : Stop leaks. Clean up large spills with vacuum truck. Soak up small spills with inert absorbent material (e.g. sand) and place in labeled waste container for disposal. Wear adequate personal protective clothing and equipment.

7 HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Wear chemical splash goggles, gloves and protective clothing when handling. Avoid breathing spray or mist. Use with adequate ventilation and employ respiratory protection where spray or mist may be generated.

Storage: Store product in closed containers between 40 – 115 °F (5 - 45 °C) out of direct sunlight. Recommended materials of construction for permanent service include FRP, Teflon, and 316L SS.

Ventilation: Provide mechanical general and/or local exhaust ventilation to prevent release of vapor of mist into the work environment.

FOR INDUSTRIAL USE ONLY.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines: Hydrogen Peroxide ACGIH = 1ppm (TWA) OSHA = 1ppm (PEL)

Personal Protective Equipment

Eye / Face Protection: Wear splash proof chemical goggles or face shield.

Skin Protection: Wear chemical resistant gloves and protective clothing.

Respiratory Protection: Use NIOSH approved respirator as needed to mitigate exposure to product mists.

Engineering Controls: Work in well ventilated areas.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	Colorless
Odor:	Odorless
Boiling Point:	>110°C (>230°F)
Freezing / Melting Point:	< -41.4°C (<-42.52°F)
Solubility in water:	Soluble in cold water
Specific Gravity:	1.00 – 1.10 @ 25 °C
Viscosity:	< 100 cps @ 25 °C
Vapor Density:	Not determined
Vapor Pressure:	22mm Hg @ 30°C
pH:	<3.0
Percent Volatile:	100
Auto ignition Temperature:	Non-combustible
Decomposition Temperature:	Not determined
Flammability Limits in Air:	Not determined
Upper	Not determined
Lower	Not determined
Flash Point (method):	> 93 °C (> 200 °F); Tag Closed Cup

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to Avoid:	Excessive heat or contamination could cause product to become unstable
Hazardous Decomposition Products:	Oxygen which supports combustion
Possibility of Hazardous Reaction:	Avoid dirt, organics, cyanides, wood, paper, and oils

11 TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50: > 1378 mg/kg (Rat) (active component)
Acute Dermal Toxicity:	LD50: > 5,000 mg/kg (Rabbit) (active component)
Acute Inhalation Toxicity:	LC50: > .57 mg/ m ³ (Rat) (active component)
Eye Irritation :	Severe (Rabbit)
Skin Irritation :	Severe (Rabbit)
Skin Sensitization :	RIPT (Humans) – A primary irritant or sensitizer.
Carcinogenicity:	None of the components in this product at concentrations greater than 1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogenic.
Carcinogenicity Studies:	Not determined
Mutagenicity:	Not determined
Teratogenicity:	Negative (Rabbit)
Neurotoxicity:	Not determined
Chronic Toxicity:	None known

12 ECOLOGICAL INFORMATION

Toxicity to Fish:	LC50: > 100 mg / L (96 hrs) (Rainbow trout) LC50: > 1000 mg / L (96 hrs) (Brachydanio rerio) NOEC = 100 mg / L (96 hrs) (Rainbow trout) NOEC = 859 mg / L (14 d) (Brachydanio rerio)
Toxicity to Invertebrates:	LC 50 > 1000 mg / L (24hr) (Daphnia magna) NOEC = 100 mg / L (48hr) (Daphnia magna)

Toxicity to Algae:	EC50 > 1000 mg / L (96hr) (Scenedesmus subspicatus)
Toxicity to Sewage Bacteria:	None
Activated Sludge Respiration Inhibition Test:	Not determined
Biological Oxygen Demand (BOD):	Not determined
Chemical Oxygen Demand (COD):	Not determined
Total Oxygen Demand (TOD):	Not determined
Biodegradability:	Readily biodegradable
Bioaccumulation:	Not determined
Other Environmental Data:	None

13 DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of product in accordance with applicable federal, state and local regulations.

14 TRANSPORT INFORMATION

U.S. Department of Transportation (DOT): Hydrogen Peroxide 34-35% Class 5.1 (Oxidizer) Packing Ground II

Label: Oxidizer, Corrosive

Plackard: 5.1 (Oxidizer)

15 REGULATORY INFORMATION

FEDERAL REGULATIONS

OSHA Hazardous Substance: Section 302 – Extremely Hazardous Substance (40 CFR 355, Appendix A)

Clean Air Act –

Hazardous Air Pollutants (HAP): This product does not contain any Hazardous Air Pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act –

Volatile Organic Compounds (VOC): This product does not contain any VOCMI Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Clean Air Act –

Ozone Depleting Substances (ODS): This product does not contain , nor was manufactured with , any Class 1 or Class II ozone depleting substances (ODS) as defined by the U.S. Clean Air Act Section 602 (40 CFR 82)

Clean Water Act –

Priority Pollutants: This product does not contain any priority pollutants listed under the U.S. Clean Water Act Section 307 (Priority Pollutant List) (40 CFR 401.15)

Resource Conservation and

Recovery Act (RCRA): Not a hazardous waste under RCRA (40 CFR 261.21)

SARA Section 302 – Extremely Hazardous

Substances (EHS): This product does not contain any components regulated under Section 302 as Extremely Hazardous Substances.

SARA Section 304 – CERCLA Hazardous

Substances: This product does not contain any components regulated under Section 304 (40CFR 302) as hazardous chemicals for emergency release notification.

SARA Section 311/312 Hazard

Communication Standard (HCS): This product is not regulated under Section 311/312 HCS (40 CFR 370)

SARA Section 313 Toxic

Chemical List (TCL): This product does not contain any components listed on the Section 313 Toxic Chemical List.

TSCA Section 8(b) Inventory Status: All component(s) of this product are either exempt or listed on the TSCA Inventory.

TSCA Section 5(e) Consent Orders: This product is not subject to a Section 5(e) Consent Order.

TSCA Significant New Use Rule (SNUR): This product is not subject to a Significant New Use Rule (SNUR).

TSCA Section 5(f): This product is not subject to a Section 5(f)/6(a) rule.

TSCA Section 12(b) Export Notification: This product does not contain any component(s) that are subject to a Section 12(b) Export Notification.

STATE REGULATIONS:

California Proposition 65: This product does not contain any component(s) currently on the California list of Known Carcinogens and Reproductive Toxins.

Pennsylvania Right-To-Know: This product does not contain any component(s) currently listed.

INTERNATIONAL REGULATIONS:

Chemical Weapons Convention: This product does not contain any component(s) listed under the Chemical Weapons Convention Schedule of Chemicals.

Domestic Substance List (DSL, Canada): All components are listed on the DSL.

16 OTHER INFORMATION

PREPARED BY:

DATE: April 7, 2015

Product Safety & Regulatory Manager LAST REVISED: April 7, 2015

CHEMICAL EMERGENCY TELEPHONE

CHEMTREC 800-424-9300

All information, recommendations, and suggestions appearing herein concerning our products based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Premier Laundry Solutions. As to the effects of such use; the results to be obtained or the safety and toxicity of the product nor does Premier Laundry Solutions assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations