



S H E P A R D B R O S . I N C .

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.

COMPANY AND PRODUCT IDENTIFICATION:

DISTRIBUTED BY: Brady Industries, LLC	EMERGENCY TELEPHONE NUMBER (Chemtrec): (800) 424 – 9300
ADDRESS: 7055 Lindell Road Las Vegas, CA. 89118	TELEPHONE NUMBER FOR INFO: (702) 876-3990
DATE PREPARED: 12/30/2014	FAX NO. (702) 876-1580
PRODUCT NAME: Brady Ultra Oxy Bleach	DESCRIPTION: Hydrogen Peroxide 35% (all grades)

SECTION 2.

HAZARDS IDENTIFICATION:

I. EMERGENCY OVERVIEW

Danger! Strong Oxidizer. Contact with combustible materials may cause fire or explosive decomposition. Causes eye burns. May cause respiratory tract irritation. May be harmful if swallowed.
*Routes of Entry: *Skin, inhalation

II. POTENTIAL HEALTH EFFECTS

INHALATION: Inhalation of high concentrations of vapor or mist may cause severe irritation of the respiratory tract with cough, chest discomfort and, in severe causes, pulmonary edema.

SKIN CONTACT: Slightly toxic. Skin contact with concentrated liquid for a short period of time may cause a temporary whitening or bleaching of the skin. Prolonged or repeated contact may cause severe irritation or burns.

EYE CONTACT: Corrosive. Causes rapid tissue damage, which can lead to permanent damage.

INGESTION: May cause irritation, burns or perforation of the gastrointestinal tract including the stomach and intestines.

CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Chronic effects and medical conditions aggravated by overexposure to this product have not been established.

SECTION 3.

COMPOSITION / INFORMATION ON INGREDIENTS:

The identity of individual components of this mixture is proprietary information and regarded to be a trade secret. However, based on the health hazard determination of ingredients present at a concentration greater than 1% and 0.1% or more of a carcinogenic substance, this mixture presents the following hazard:

HAZARDOUS COMPONENTS	% (RANGE)	CAS NO.	OSHA PEL	ACGIH TLV
Hydrogen Peroxide	35	7722-84-1	1.4 mg/m ³ (TWA)	1.4 mg/m ³ (TWA)



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SECTION 4.

FIRST AID MEASURES:

INHALATION: Immediately move victim to fresh air. Give artificial respiration if breathing has stopped. Get medical attention immediately.

SKIN: Immediately flush the area with flowing water for at least 15 minutes, while removing contaminated clothing. Wash the area with a nonabrasive soap and plenty of water. Wash clothing separately before reuse.

EYES: Immediately flush with plenty of water, alternately lifting the upper and lower eyelids. If appropriate, after 5 minutes, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Get medical attention if irritation persists.

INGESTION: Drink 2-3 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get prompt medical attention.

Notes to physician: Exposure to material may cause delayed lung injury resulting in pulmonary edema and pneumonia. Exposed individuals should be monitored for 72 hours after exposure for the onset of delayed respiratory symptoms.

SECTION 5.

FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: water spray, water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Oxidizing material. Explosive when mixed with combustible material.

SPECIAL FIRE FIGHTING PROCEDURES: Must wear NIOSH approved or equivalent self-contained breathing apparatus and protective clothing.

SECTION 6.

ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate and ventilate area and eliminate all ignition sources. Wear appropriate protective equipment and clothing during clean-up. Flush with plenty of water. Avoid contact with cellulose, paper, sawdust or similar substances. Combustible materials exposed to hydrogen peroxide should be rinsed immediately with large amounts of water to ensure that all the hydrogen peroxide is removed. Keep product out of sewers, watersheds, and water systems.

SECTION 7.

HANDLING AND STORAGE:

USAGE PRECAUTIONS: Use as directed. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

STORAGE PRECAUTIONS: Store in a cool, well-ventilated area. Protect containers against damage. Keep container closed when not in use. Store away from heat, sparks, open flame or sunlight. Keep out of reach of children. Store separate from acids, alkalis, reducing agents, combustibles, organic materials, and metallic oxides.

OTHER PRECAUTIONS: Emptied container retains vapor and product residue. Do not cut, drill, grind, or weld on or near this container. Do not ship or store on wooden pallets.



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SECTION 8.

EXPOSURE CONTROLS AND PERSONAL PROTECTION:

ENGINEERING CONTROLS: Ensure adequate ventilation. Local exhaust is suggested for use in enclosed or confined areas. Maintain eye wash and safety shower equipment.

RESPIRATORY PROTECTION: Avoid breathing vapors and mists. If ventilation is not sufficient to effectively prevent buildup of vapors or mists and the exposure limit is exceeded, use a NIOSH/MSHA approved respirator. For emergencies and other conditions where exposure limits may be significantly exceeded, use an approved full face positive-pressure, self-contained breathing apparatus or positive-pressure airline with auxiliary self-contained air supply. Respiratory program must comply with 29 CFR 1910.134.

SKIN PROTECTION: Wear chemical resistant gloves such as neoprene, polyvinylchloride, or butyl rubber, and chemically resistant protective clothing, e.g. apron, or jump-suit and rubber boots. Do not wear any form of boot or overboots made of nylon or nylon blends.

EYE PROTECTION: Wear chemical splash goggles and/or a full-face shield where there is potential for eye contact.

SECTION 9.

PHYSICAL AND CHEMICAL PROPERTIES:

FLASH POINT: NA

BOILING POINT: ~ 226°F

MELTING POINT: ~ -27°F

VAPOR PRESSURE (mm Hg): 24 @ 68°F

DENSITY: ~1.13 g/cm³

APPEARANCE: Colorless liquid

ODOR / TASTE: Pungent

SOLUBILITY IN WATER: Complete

pH at 25°C: NA

SECTION 10.

STABILITY AND REACTIVITY:

STABILITY _____ Unstable X Stable

INCOMPATIBILITY (*Materials to Avoid*): Metals, organic materials, reducing agents, metallic oxides, bases, dusts, and combustible materials.

HAZARDOUS DECOMPOSITION PRODUCTS: This material decomposes if contaminant, causing fire and possible explosions. Oxygen can be liberated at temperatures above ambient.

HAZARDOUS POLYMERIZATION: _____ MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: High temperatures, flames, and incompatibles.

SECTION 11.

TOXICOLOGICAL INFORMATION:

Corrosive to eyes. RTECS #: MX0900000

SECTION 12.

ECOLOGICAL INFORMATION:

Ecological data is not available.



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SECTION 13.

DISPOSAL CONSIDERATIONS:

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14.

TRANSPORT INFORMATION:

DOT

DOT Proper Shipping Name: HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS (with not less than 20% but not more than 40% hydrogen peroxide), 5.1, (8), UN2014, PGII

SECTION 15.

REGULATORY INFORMATION:

This product is not considered a carcinogen or cancer suspect under NTP, IARC and OSHA.

SARA Title III Section 302 Extremely Hazardous Substances(40 CFR355, Appendix A):

None

SARA Title III Section 313 Reportable Ingredients(40 CFR372):

None

CERCLA Designation & Reportable Quantities (RQ) (40 CFR 302.4):

None

CALIFORNIA/OSHA DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES (8 CCR 339): Hydrogen Peroxide

CALIFORNIA PROPOSITION 65: None known

Label: Oxidizer, Corrosive

NFPA RATING: Health: 3 Fire: 0 Reactivity: 1 Special Hazard: OX

SECTION 16.

OTHER INFORMATION:

SUPERSEDES: MSDS issued on 11/01/10. Section 7 updated

NA: not applicable ND: not determined

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