

**SPARTAN CHEMICAL COMPANY, INC.
WHMIS MATERIAL SAFETY DATA SHEET**

SECTION I: PRODUCT INFORMATION

PRODUCT IDENTIFIER:

CLOTHESLINE FRESH XTREME OXYGEN BLEACH [15]

PRODUCT USE: Oxidizing bleach for laundry

MANUFACTURER'S NAME & ADDRESS

Spartan Chemical Company, Inc.
1110 Spartan Drive, Maumee, OH 43537 USA

MEDICAL EMERGENCY TELEPHONE

888/314-6171 (24 Hours)

PRODUCT INFORMATION: 800/537-8990

SECTION II: HAZARDOUS INGREDIENTS

CAS REGISTRY NO.	% W	CHEMICAL NAME(S)	TLV			LD50	LC50
			TWA mg/m ³	STEL mg/m ³	Ceiling mg/m ³		
7722-84-1	20-25	Hydrogen peroxide	1.4	---	---	Not available	Not available

SECTION III: PHYSICAL DATA

BOILING POINT

105°C (221°F)

VAPOUR PRESSURE

Not established

VAPOUR DENSITY (AIR = 1)

Not established

pH

2.0-4.0

COEFFICIENT OF WATER/OIL DISTRIBUTION

Not available

SPECIFIC GRAVITY (H₂O = 1)

1.100

EVAPORATION RATE (butyl acetate = 1)

< 1

SOLUBILITY IN WATER

Complete

APPEARANCE AND ODOUR

Clear odorless liquid

PERCENT SOLID BY WEIGHT

<1

FREEZING POINT

Not available

ODOUR THRESHOLD

Not available

PHYSICAL STATE

GAS ___ LIQUID X SOLID ___

SECTION IV: FIRE & EXPLOSION DATA

FLASH POINT

> 100°C (212°F)

Product decomposes at > 60°C (140°F)

EXTINGUISHING MEDIA

Water, CO2 or dry chemical

HAZARDOUS COMBUSTION PRODUCTS

Not established

SPECIAL FIRE FIGHTING PROCEDURES

Use self-contained breathing apparatus for maximum respiratory protection. In case of fire remove endangered containers to a safe place if this can be done safely. Cool fire-exposed containers with water spray. Dilute with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Product releases oxygen when heated to decomposition which may intensify fire. Risk of overpressure and bursting due to decomposition in containers, pipes and other confined spaces. May cause fire in contact with wood, cardboard or other flammable organic materials.

METHOD USED

ASTM - D56

CONDITIONS OF FLAMMABILITY

Not applicable

FLAMMABLE LIMITS

Not available

AUTO-IGNITION TEMPERATURE

Not applicable

EXPLOSION DATA

Not applicable

SECTION V: REACTIVITY DATA

STABILITY: STABLE X **CONDITIONS OF INSTABILITY** **CONDITIONS OF REACTIVITY**
Not established Not established

INCOMPATIBILITY (MATERIALS TO AVOID)
Reducing agents, wood, paper and other combustibles, iron and other heavy metals, copper alloys and caustics.

HAZARDOUS DECOMPOSITION PRODUCTS Oxygen, Carbon monoxide, carbon dioxide

SECTION VI: TOXICOLOGICAL PROPERTIES

PRIMARY ROUTES OF ENTRY: Eye Contact, Skin Contact, Ingestion, Inhalation,
EXPOSURE LIMIT Not established for mixture.

EFFECTS OF ACUTE EXPOSURE: OXIDIZER / CORROSIVE

EYE CONTACT Causes irreversible eye damage. Symptoms may include pain, tissue damage and swelling. Eye contact may cause permanent blindness.

SKIN CONTACT Causes severe skin irritation and damage with symptoms of temporary skin discoloration, pain and tissue damage.

INGESTION Harmful or fatal if swallowed. Symptoms may include corrosion of mucus membranes and burns to the digestive tract.

INHALATION Breathing product vapors or mists can cause severe irritation and damage to the nose, throat and lungs.

EFFECTS OF CHRONIC EXPOSURE
None known

IRRITANCY OF PRODUCT	SENSITIZATION TO PRODUCT	CARCINOGENICITY
CORROSIVE (see above)	Not available	No
REPRODUCTIVE TOXICITY	TERATOGENICITY	MUTAGENICITY
Not available	Not available	Not available
		SYNERGISTIC PRODUCTS
		Not available

SECTION VII: PREVENTIVE MEASURE

PERSONAL PROTECTIVE EQUIPMENT / ENGINEERING CONTROLS

Neoprene, nitrile rubber or other impervious gloves are recommended to prevent skin contact. Splash goggles with or without face shield as appropriate, are recommended to prevent eye & face contact. Rubber or neoprene footwear, aprons or full protection clothing as appropriate, should be considered to prevent skin contact. Eyewash stations and washing facilities should be readily accessible in areas where product is handled. See 29 CFR 1910.132-138 for further guidance. Provide good general ventilation. Local exhaust ventilation may be necessary for some operations. If concentrations in excess of 10 ppm are encountered or expected, use of a NIOSH approved self-contained breathing apparatus (SCBA) or other atmosphere-supplying respirator (ASR) should be considered. Do not use any form of air-purifying respirator, especially those containing oxidizable sorbants such as activated carbon.

LEAK AND SPILL PROCEDURE Small spills of 4 liters or less may be diluted with large amounts of water and rinsed down the sanitary sewer. Larger spills should be diluted with a large volume of water and held in diked area until hydrogen peroxide decomposes. Do not return recovered product to original container. Combustible materials exposed to hydrogen peroxide should immediately be submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed.

WASTE DISPOSAL METHOD Assure conformance with regulations. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

HANDLING PROCEDURES Do not get in eyes, on skin or clothing that is being worn. Do not taste or swallow. Do not breathe product vapors or mists. Wash thoroughly after handling.

Do not introduce foreign materials such as organic or alkaline materials, reducing agents or heavy metals compounds into product container. These materials may catalyze the decomposition of the product resulting in generation of pressure, heat and the formation of oxygen. Release of oxygen may support combustion. Never return product back into original container.

EQUIPMENT: Do not confine product in piping systems, lines or between valves. Decomposition could cause pressurization and bursting of the container or pipes. There should always be a pressure release valve or a breathing device within the transfer system.

PAILS AND DRUMS: Containers should always be stored in an upright, vertical position. Care should be taken to prevent container tip-over as it is possible that product could leak from the container through either the venting valve or main bung. Containers should be kept closed using their vented closures to avoid contamination and volatilization to the air. Containers should be inspected periodically for any situations that would warrant additional action.

STORAGE REQUIREMENTS: Store in original container away from sources of ignition, heat and direct sunlight. Storage area should be well ventilated and free of materials and debris that could support combustion or other chemical reactions. A source of water should be available in the storage area to deal with spills, fires or cooling containers. Keep out of reach of children.

OTHER PRECAUTIONS: This product is a strong oxidizing agent. Keep undiluted product away from wood, cardboard or other flammable organic materials as fire may result. Mix only with water. Product must be diluted in accordance with label directions prior to use. Product is not combustible however; at temperatures exceeding 60°C (140°F) decomposition occurs releasing oxygen. This oxygen could initiate combustion.

SPECIAL SHIPPING INFORMATION : Hydrogen peroxide, aqueous solution, 5.1 (8), UN2014, II

SECTION VIII: FIRST AID MEASURES

EYES: Immediately flush eyes with water for at least 15 minutes. Remove contact lenses. Get immediate medical attention.

SKIN: Remove contaminated clothing. Immediately flush skin with plenty of water for at least 15 minutes. Get medical attention. Wash contaminated clothing before reuse.

INGESTION: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Drink one or two glasses of water to dilute product. Do not give anything by mouth to an unconscious person.

INHALATION: Move person to fresh air. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Contains hydrogen peroxide, a strong oxidant. Probable mucosal damage may contraindicate the use of gastric lavage. Hydrogen peroxide ingestion may result in distention of the esophagus and stomach.

SECTION IX: PREPARATION INFORMATION

CLOTHESLINE FRESH XTREME OXYGEN BLEACH [15]

DATE OF PREPARATION: December 2, 2014

SUPERCEDES: March 7, 2012

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TELEPHONE NUMBER 800/537-8990