

# Safety Data Sheet

## 1 – PRODUCT IDENTIFICATION

**PRODUCT NAME:** ..... Color Safe Bleach  
**PRODUCT TYPE:** ..... Liquid Laundry Additive  
**PRODUCT NUMBER:** ..... O2125FMXXX (Last characters vary with the packaging)  
**CONTROL NUMBER:** ..... O2125XXX

**DISTRIBUTED BY:** ..... **4M Cleaning Solutions**  
640 Yankee Lane 8C  
Evansville, IN 47715

**4M Cleaning Solutions**  
1075 NY-82, Suite 16  
Hopewell Junction, NY

**EMERGENCY PHONE:** ..... 1-812-453-4533

## 2 – HAZARDS IDENTIFICATION

**CLASSIFICATION OF SUBSTANCE/MIXTURE:** ....Serious Eye Damage (1) Skin Irritation (2)  
Oxidizing Liquids (3) Acute Toxicity, Oral (5)

**SYMBOLS:** .....



**SIGNAL WORD:**..... DANGER!

**HAZARD STATEMENT:** ..... Causes serious eye damage. Causes skin irritation. May intensify fire; oxidizer. May be harmful if swallowed.

### PRECAUTIONARY STATEMENTS:

**PREVENTION:** ..... Wash hands thoroughly after handling. Do not touch eyes. Wear protective gloves / protective clothing / eye protection / face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep away from clothing and other combustible materials.

**RESPONSE:**..... In case of fire: Use extinguishing media suitable for other materials already burning to extinguish. **IF IN EYES:** Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help. **IF ON SKIN:** Wash with plenty of water and soap. Specific treatment (see First Aid section). If skin irritation occurs: Get medical help. Take off contaminated clothing and wash it before reuse. **IF SWALLOWED:** Get medical help.

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**STORAGE:** ..... N/A

**DISPOSAL:** ..... Dispose of container and contents in accordance with local regulations.

## 3 – COMPOSITION / INFORMATION ON INGREDIENTS

**SUBSTANCE / MIXTURE:** ..... This product is a mixture.

### HAZARDOUS COMPONENTS:

INGREDIENT	C.A.S. NUMBER	CONCENTRATION (%)
Hydrogen peroxide	7722-84-1	7 – 13

Exact percentages, chemical names and/or C.A.S. numbers of ingredients are being withheld as trade secret information per OSHA Hazard Communication Standard 29CFR 1910.1200. Remaining components are nonhazardous and/or present at amounts below reportable limits. This information will be disclosed as necessary to authorized individuals.

## 4 – FIRST-AID MEASURES

**BREATHING (INHALATION):** .. Maintain adequate ventilation of work area. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist or if you feel unwell, seek medical attention.

**SWALLOWING (INGESTION):**.. DO NOT INDUCE VOMITING! Rinse mouth, then drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

**EYES:** ..... Flush eyes with a large quantity of fresh water for at least 15 minutes. Apply ice compresses and get immediate emergency medical attention by an eye specialist! It may be necessary to bring person to a hospital emergency room.

**SKIN (DERMAL):** ..... Flush from skin and clothing with large amounts of fresh water. If irritation occurs, seek medical attention. Wash contaminated clothing before reuse.

## 5 – FIRE-FIGHTING MEASURES

**FLASHPOINT:**..... This product is non-flammable.

**EXTINGUISHING MEDIA:** ..... Use dry chemical fire extinguisher or extinguishing media suitable for other materials already burning.

**SPECIAL FIRE FIGHTING PROCEDURES:** ..... Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** ..... This product is an oxidizer and may intensify fire.

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<b>6 – ACCIDENTAL RELEASE MEASURES</b>
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**SPILL PROCEDURES:** ..... Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

<b>7 – HANDLING and STORAGE</b>
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**STORAGE:** ..... Store in a cool, well-ventilated area. Avoid overheating or freezing. Do NOT store this product in an unmarked container.

**HANDLING:** ..... Maintain adequate ventilation of work area. Wear eye, face and skin protection. Do NOT transfer this product to an unmarked container. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources, clothing and other combustible materials. Spilled material is slippery. Keep out of reach of children.

*\*ATTENTION: Do NOT reuse empty container. Empty containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition especially around organic, or other combustible material.*

<b>8 – EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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**RESPIRATORY PROTECTION:** Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

**PROTECTIVE CLOTHING:** ..... Nitrile or PVC gloves, chemical splash goggles, protective outerwear and boots.

**ADDITIONAL MEASURES:** ..... Selection of the appropriate PPE should be based on a safety evaluation of the workplace—relative to the task(s) to be performed and the performance characteristics of the PPE. Under normal use according to label instructions, wear safety glasses with side shields (or goggles), nitrile gloves and full-coverage clothing. Face shields, chemical resistant coverings, and a full-face respirator can be used for improved protection and safety, when prolonged or repeated exposure to chemicals is likely. Keep out of reach of children.

**CONTROL PARAMETERS:** ..... If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Hydrogen peroxide	7722-84-1	1 ppm, 1.4 mg/m <sup>3</sup>

*\* When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

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## 9 – PHYSICAL / CHEMICAL PROPERTIES

**APPEARANCE & ODOR:** ..... Colorless, transparent liquid with no significant odor.  
**ODOR THRESHOLD:** ..... N/A  
**pH:** ..... 3.0 – 7.0  
**MELTING POINT:** ..... N/A  
**FREEZING POINT:** ..... N/A  
**BOILING POINT:**..... 210 degrees F.  
**BOILING POINT RANGE:** ..... N/A  
**FLASHPOINT:**..... This product is non-flammable.  
**EVAPORATION RATE:** ..... N/A  
**FLAMMABILITY (solid/gas):** ... N/A  
**EXPLOSION LIMITS:**..... N/A  
**VAPOR PRESSURE:** ..... 24 mmHg @ 68 degrees F (20 degrees C).  
**SPECIFIC GRAVITY:** ..... 1.05  
**SOLUBILITY IN WATER:** ..... Completely soluble.  
**PARTITION COEFFICIENT:** ..... N/A  
**AUTO-IGNITION TEMPERATURE:**.....N/A  
**DECOMPOSITION TEMPERATURE:** .....N/A  
**VISCOSITY:** ..... Water thin.

## 10 – STABILITY and REACTIVITY

**STABILITY:** ..... Stable under normal conditions. No hazardous reactions when kept away from incompatibles.  
**INCOMPATIBILITY:** ..... Do not mix with caustics or other chemicals. Incompatible with reducing agents, combustible material, powdered metals, copper, brass, iron, sources of heat, and open flames.  
**HAZARDOUS DECOMPOSITION:**.....Oxygen and hydrogen gas.  
**HAZARDOUS POLYMERIZATION:** .....This product is not known to polymerize.

## 11 – TOXICOLOGICAL INFORMATION

**ROUTE(S) OF ENTRY:** ..... Absorption through eyes and skin. Ingestion. Not likely to be inhaled in hazardous amounts.  
**LISTED CARCINOGEN:** ..... There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).  
**MEDICAL CONDITION AGGRAVATED:** .....May aggravate pre-existing dermatitis.  
**INHALATION:** ..... Inhaling significant amounts of this product may eventually cause irritation to the mouth, nose and respiratory tract. Prolonged or repeated exposure may also result in feeling drowsiness or dizziness.  
**INGESTION:** ..... This product may be harmful to health, and may cause irritation to the mouth, esophagus and stomach, if ingested.

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**EYES:**..... This product can cause serious eye irritation, redness, burns, blindness or other permanent damage if not immediately flushed from the eyes.

**SKIN (DERMAL):**..... This product can cause irritation and redness to the exposed area if not flushed from the skin.

**ACUTE TOXICITY\* (ORAL):** .....4,262.57 mg/kg

**ACUTE TOXICITY\* (DERMAL):** .....>5,000 mg/kg

**ACUTE TOXICITY\* (INHALATION):** .....>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

*\*Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6).*

### 12 – ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE AND DISTRIBUTION:** N/A

### 13 – DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... As recommended by local, state and federal authorities.

### 14 – TRANSPORTATION INFORMATION

**U.S. DOT:**

**PROPER SHIPPING NAME:** .... Hydrogen peroxide, aqueous solutions

**HAZARD CLASS:** ..... 5.1

**UN/NA NUMBER:** ..... UN 2984

**PACKING GROUP:**..... III

**IMDG:**

**PROPER SHIPPING NAME:** .... HYDROGEN PEROXIDE, AQUEOUS SOLUTION

**HAZARD CLASS:** ..... 5.1

**UN NUMBER:**..... UN 2984

**PACKING GROUP:**..... III

**MARINE POLLUTANT:** ..... No

**IATA CODE:**

**PROPER SHIPPING NAME:** .... Hydrogen peroxide, aqueous solution

**HAZARD CLASS:** ..... 5.1

**UN NUMBER:**..... UN 2984

**PACKING GROUP:**..... III

### 15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

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**CALIFORNIA PROPOSITION 65:** .....This product does not contain any chemicals which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

<b>16 – OTHER INFORMATION</b>
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**NFPA:**  
**HEALTH:** ..... 3  
**FLAMMABILITY:**..... 0  
**REACTIVITY:** ..... 1  
**OTHER:** ..... Ox

**ADDITIONAL:** ..... The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**REVISION DATE:**..... 09/29/2025