



Safety Data Sheet

ROYAL COLOR SAFE BLEACH

SECTION 1: Identification

Trade Name: ROYAL COLOR SAFE BLEACH

Date Prepared: 02/09/2021

Product Identification: 6334

Synonyms: Hydrogen Peroxide solution

Product Use Description: Laundry destainer

Manufactured By:

ABC COMPOUNDING CO., INC.
2600 DOGWOOD DRIVE
Conyers, GA 30013 US

Manufacturer:

ABC Compounding Co., Inc.
2600 Dogwood Drive
Conyers, GA 30013
770-968-9222
www.abccompounding.com

Phone: (800) 795-9222

24 HR Emergency Number: (800) 535-5053

SECTION 2: Hazards Identification

Classifications

Skin corrosion - Category 1

Eye Damage - Category 1

Acute Toxicity - Oral - Category 4

Oxidizing liquids - Category 2



Oxidizing

Corrosive

Irritant

Signal Word: Danger

Hazard Statements

Keep out of reach of children.

Read label and SDS before use.

Causes severe skin burns and eye damage

Harmful if swallowed

May intensify fire; oxidizer

Precautionary Statements

Prevention

Do not breathe mists.

Wash hands thoroughly after handling.

Wear protective gloves and clothing.

Wear eye and face protection.

Do not eat, drink or smoke when using this product.

Keep only in original container.

Keep/Store away from clothing and other combustible materials.

Take any precaution to avoid mixing with combustibles/flammables.

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Response

Trade Name: ROYAL COLOR SAFE BLEACH

Product ID: 633405PA

Page 1 of 6

SDS ID: SDS08853

Revision #: 1

Revision Date: 02/09/2021

Safety Data Sheet

ROYAL COLOR SAFE BLEACH

IF SWALLOWED: Call a poison center if you feel unwell. Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.
Wash contaminated clothing before reuse.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Immediately call a poison center or a physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Immediately call a poison center or a physician
In case of fire: Use water for extinction.

Storage

Store locked up.

Disposal

Dispose of contents and container in accordance with all local, regional, and national regulations.

Hazards Not Otherwise Specified

Not applicable

SECTION 3: Composition

Chemical Name	CAS #	Concentration % by Weight
Hydrogen Peroxide	7722-84-1	30 - 35

SECTION 4: First Aid Measures

EMERGENCY OVERVIEW

DANGER. Harmful if swallowed. Causes severe skin burns and eye damage.

EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a poison center or a physician.

SKIN: Take off immediately all contaminated clothing and wash it before reuse. Wash with plenty of soap and water/shower.

If skin irritation persists get medical attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center or a doctor.

INGESTION: Rinse mouth. Do not induce vomiting. Seek medical attention immediately.

SECTION 5: Firefighting Measures

Suitable fire extinguishing media:

Water. Do not use any other substance.

Specific hazards arising from the chemical:

In closed unventilated containers, risk of rupture due to the increased pressure from decomposition. Contact with combustible material may cause fire.

Hazardous thermal decomposition products:

On decomposition releases oxygen which may intensify fire.

Specific fire-fighting methods:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

Special protective equipment for fire fighters:

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in a positive pressure mode.

SECTION 6: Accidental Release Measures

Trade Name: ROYAL COLOR SAFE BLEACH

Product ID: 633405PA

Page 2 of 6

SDS ID: SDS08853

Revision #: 1

Revision Date: 02/09/2021

Safety Data Sheet

ROYAL COLOR SAFE BLEACH

Personal precautions:

Put on appropriate personal protective equipment (see section 8). Isolate and post spill area. Keep people away from and upwind of spill/leak. Eliminate all sources of ignition and remove combustible materials.

Other:

Combustible materials exposed to hydrogen peroxide should be immediately submerged in or rinsed with large amounts of water to ensure that all hydrogen peroxide is removed. Residual hydrogen peroxide that is allowed to dry (upon evaporation hydrogen peroxide can concentrate) on organic materials such as paper, fabrics, cotton, leather, wood or other combustibles can cause the material to ignite and result in fire.

Environmental Precautions: Prevent undiluted spillage from entering sewers, basements or watercourses.

Methods for Containment: Dike to collect large liquid spills. Stop leak and contain spill if this can be done safely. Small spillage: Dilute with large quantities of water.

Methods for cleaning up: Flush area with flooding quantities of water. Hydrogen peroxide may be decomposed by adding sodium metabisulfite or sodium sulfite after diluting to about 5%.

SECTION 7: Handling and Storage

Handling: Keep/Store away from clothing/ combustible materials. Wear personal protective equipment. Reference to other sections. Never return unused hydrogen peroxide to original container. Contamination may cause decomposition and generation of oxygen gas which could result in high pressures and possible container rupture. Empty drums should be triple rinsed with water before discarding. Utensils used for handling hydrogen peroxide should only be made of glass, stainless steel, aluminum or plastic. Pipes and equipment should be passivated before first use. Use only in well-ventilated areas. Hydrogen peroxide should be stored only in vented containers and transferred only in a prescribed manner.

Storage: Keep containers in cool areas out of direct sunlight and away from combustibles. Provide mechanical, general and/or local exhaust ventilation to prevent release of vapor or mist into work environment. Containers must be vented. Keep/store only in original container. Store rooms or warehouses should be made of non-combustible materials with impermeable floors. In case of release, spillage should flow to safe area. Containers should be visually inspected on a regular basis to detect any abnormalities (swollen drums, increases in temperature, etc.).

Incompatible products: Combustible materials. Copper alloys, galvanized iron. Strong reducing agents. Heavy metals. Iron. Copper alloys. Contact with metals, metallic ions, alkalis, reducing agents and organic matter (such as alcohols or terpenes) may produce self-accelerated thermal decomposition.

SECTION 8: Exposure Controls/Personal Protection

ACGIH TLV	1 ppm
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Eye Protection: Wear safety glasses or goggles.

Skin Protection: Wear impervious gloves (made from rubber, nitrile or neoprene), clothing, and boots.

Respiratory Protection: When respiratory protection is required, use an organic vapor & particulate cartridge. All respiratory programs must meet OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements.

Engineering Controls: Good general ventilation required.

SECTION 9: Physical and Chemical Properties

Safety Data Sheet

ROYAL COLOR SAFE BLEACH

Property	Value	Property	Value
Appearance	CLEAR LIQUID	Auto Ignition Temp	NOT AVAILABLE
Boiling Point	NOT AVAILABLE	Color	COLORLESS
Decomposition Temperature	NOT AVAILABLE	Evaporation Rate	NOT AVAILABLE
Explosive Limit Ranges	NOT AVAILABLE	Explosive Properties	NOT AVAILABLE
Flash Point	NONE	Melting/Freezing Point	NOT AVAILABLE
Odor	ODORLESS	Odor Threshold	NOT AVAILABLE
Other Information	VOC content (wt. %): 0	Oxidizing Properties	NOT AVAILABLE
Partition Coeff	NOT AVAILABLE	Physical State	LIQUID
Relative Density	1.1	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	2 - 3

SECTION 10: Stability and Reactivity

Reactivity

REACTIVE AND OXIDIZING AGENT

Chemical Stability

Stable under normal conditions.

Incompatible Materials

Contact with organic substances may cause fire or explosion. Contact with metals, metallic ions, alkalis, reducing agents and organic matter (such as alcohols or terpenes) may produce self-accelerated thermal decomposition.

Conditions to Avoid

High temperatures, contamination

Hazardous Decomposition Products

Oxygen which supports combustion and produces overpressure in containers.

SECTION 11: Toxicological Information

Primary Route of Entry: Skin contact, eye contact, inhalation

Acute/Potential Health Effects:

EYES: Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

SKIN: Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

INHALATION: High vapor concentrations may be irritating to respiratory tract.

INGESTION: Harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

Chronic / Long Term Effects: None known.

Target Organ Effects: Lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

Reproductive/Developmental Information: No data.

Carcinogenic Information: This product contains hydrogen peroxide. The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity to humans). The American Conference of Governmental Industrial Hygienists (ACGIH) has concluded that hydrogen peroxide is a 'Confirmed Animal Carcinogen with Unknown Relevance to Humans' (A3).

Acute Toxicity Values:

35 % solution: LD50 1193 mg/kg bw (rat)

LD50 Dermal 35% solution: LD50 > 2000 mg/kg bw (rabbit)

LC50 Inhalation 50% solution: LC50 > 170 mg/m³ (rat) (4-hr)

Hydrogen Peroxide vapors: LC0 9400 mg/m³ (mouse) (5 - 15 minutes)

Safety Data Sheet

ROYAL COLOR SAFE BLEACH

Hydrogen Peroxide vapors: LC50 > 2160 mg/m³ (mouse)

SECTION 12: Ecological Information

LC 50 (Chameleon goby (Tridentiger trigonocephalus), 24 h): 155 mg/l

Mortality LC 50 (Jack Mackerel (Trachurus japonicus), 24 h): 89 mg/l

SECTION 13: Disposal Considerations

Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

SECTION 14: Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN number 2014

Proper shipping name Hydrogen Peroxide, aqueous solutions

Class 5.1, 8

Packing group II

SECTION 15: Regulatory Information

CERCLA RQ (40 CFR 302)

1000

LB

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic () Fire (X) Pressure () Reactive () Not Applicable ()

T.S.C.A. Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

RCRA Status: Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D001, D002

SECTION 16: Other Information

HMIS Ratings :

Safety Data Sheet

ROYAL COLOR SAFE BLEACH

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	C

Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

Preparation/Revision Date: 02/09/2021

Trade Name: ROYAL COLOR SAFE BLEACH
SDS ID: SDS08853

Product ID: 633405PA
Revision #: 1

Page 6 of 6
Revision Date: 02/09/2021