



# SAFETY DATA SHEET

# O2 Color Safe Bleach

## 1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM) O2 Color Safe Bleach		C.A.S. NO. N/A	
CHEMICAL NAME/DESCRIPTION Color Safe Laundry Bleach			
Emergency telephone number: ChemTel: 1-800-255-3924		Contract Number MIS0003698	
ADDRESS (No., STREET, CITY, STATE, AND ZIP CODE) Royal Custom Products 4844 Almond Dr. Dallas, TX 75247			
CONTACT Bob Vint	PHONE NUMBER 214-630-4386	ISSUED DATE 2/27/2015	REVISED DATE 2/27/2015

## 2. GHS Classification

**Signal Word: Warning**

**H227 Combustible Liquid**



**H315 Irritant Skin: Category 2 Eyes: Category 2A**



### HAZARD IDENTIFICATION

HAZARD DATA RATING: 1 – Health, 3 – Fire, 0 – Reactivity  
0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe

#### GHS Hazard Statements

May intensify fire  
Harmful if swallowed  
Causes serious eye damage

#### GHS Precautionary Statements

Keep out of the reach of children  
Keep/Store away from clothing/ combustible materials  
Wear protective gloves/eye protection/face protection  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT/C.A.S. WT. %

CHEMICAL NAME	CAS #	CONCENTRATION (%)
Water	CAS# 7732-18-5	60 - 100
Hydrogen Peroxide	CAS# 7722-84-1	10 - 20

#### 4. FIRST AID MEASURES

**Eyes:** Hold the eyelids apart and flush the eye gently with large amounts of water for at least 15 minutes.

**Skin:** Flush skin with cool water. Wash the exposed area with plenty of soap and water.

**Inhalation:** Remove individual to fresh air and get immediate medical attention. If breathing is difficult, give oxygen. If breathing stops, give artificial respiration.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

**Note to Physicians:** Contains hydrogen peroxide. Ingestion may result in distention of esophagus and stomach.

#### EFFECTS OF OVEREXPOSURE

**Acute:** Eyes: Pain, redness, swelling of the conjunctiva and blurred vision.

Skin: Pain, redness and cracking of the skin.

Inhalation: Nasal discomfort and coughing.

Ingestion: Pain, nausea, vomiting and diarrhea.

#### 5. FIRE-FIGHTING MEASURES

**SPECIAL FIRE HAZARDS:** Combustible Liquid

**FIRE FIGHTING METHODS:** Use CO2 Foam or Dry Chemical

**FLASH POINT:** > 212 Degrees F. ASTM D56

**FLAMMABLE LIMITS –** No information available

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

##### Environmental precautions

Do not allow contact with soil, surface or ground water.

##### Methods and materials for containment and cleaning up

Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

#### 7. Handling and Storage

##### NORMAL HANDLING

Use smallest amounts possible in designated areas with adequate ventilation. Keep containers closed when not in use. Empty containers may contain hazardous residue. Avoid generating mists. Transfer solutions using equipment which is corrosion resistant. Cautiously transfer into sturdy containers made of compatible materials. Never return contaminated material to its original container. Never add water to solution, always add solution to water and provide agitation.

##### STORAGE

Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Protect from damage. Store away from incompatible materials such as Sodium hypochlorite (or other hypochlorites). Metals. Avoid freezing.

## 8. Exposure Control/Personal Protective Equipment

**RESPIRATORY PROTECTION:** Not required with expected use.

**EYES AND FACE:** Wear Splashproof glasses.

**HANDS, ARMS AND BODY:** Wear Rubber gloves.

**OTHER CLOTHING AND EQUIPMENT:** n/a

## 9. Physical Properties

MATERIAL IS (AT NORMAL CONDITIONS): Liquid		APPEARANCE AND ODOR Clear liquid with no odor.	
BOILING POINT 212 Degrees F	MELTING POINT NA	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) 1.033	VAPOR DENSITY (AIR = 1) No information available
SOLUBILITY IN WATER (% by Weight) 100%		pH 5.05 – 6.0	VAPOR PRESSURE (mm Hg at 20°C) N/A
EVAPORATION RATE <input type="checkbox"/> (Butyl Acetate = 1) <input type="checkbox"/> (Ether = 1) <1 (Ether =1)		% VOLATILES BY VOLUME (At 20°C) 0	

## 10. Stability & Reactivity

**STABILITY:** Stable under normal conditions. **INCOMPATIBILITY:** Sodium hypochlorite (or other hypochlorites). Metals

**HAZARDOUS DECOMPOSITION PRODUCTS:** May include carbon monoxide, carbon dioxide (CO<sub>2</sub>) and other toxic gases or vapors.

**HAZARDOUS POLYMERIZATION:** None

**CONDITIONS TO AVOID:** Excessive Heat and direct sunlight.

## 11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE: Inhalation, Eye contact, Skin contact

### Potential Health Effects

Eyes: Causes serious eye damage Skin: Causes sever skin irritation Ingestion: May be harmful if swallowed

Inhalation: Under normal conditions, vapor level will be too low to present inhalation hazard.

### Experience with human exposure

Eyes: Flush eyes immediately with plenty of cool running water. Remove contact lenses. Continue flushing for 15 minutes holding eye lids open.

Skin: Flush skin with plenty of cool running water. Wash thoroughly with soap and water.

If Swallowed: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person.

If Inhaled: Move immediately to fresh air; If breathing is difficult, admister oxygen.

## 12. Ecological and Aquatic Toxicity

**BIODEGRADABILITY/AQUATIC TOXICITY:** No know Aquatic Toxicity or Ecotoxicological effects.

**OCTANOL/WATER PARTITION COEFFICIENT:** n/a

**EPA HAZARDOUS SUBSTANCE?** No **IF SO, REPORTABLE QUANITY:** 40 CFR 116-117

## 13. Disposal

**WASTE DISPOSAL METHODS (DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS.**

Dispose of waste material at an approved waste treatment/disposal facility in accordance with applicable regulations. Do not dispose of with normal garbage or to sewer systems.

**14. Transportation**

D.O.T. CLASSIFICATION: UN-2984, PG III, Hydrogen Peroxide, Aqueous Solution, 5.1, Oxidizer

**15. Regulatory**

**EPCRA- Emergency Planning and Community Right-to-Know**

**CERCLA Reportable Quantity:** This material does not contain any components with a CERCLA RQ.

**SARA 304 Extremely Hazardous Substances Reportable Quantity:** This material does not contain any components with a section 304 EHS RQ.

**SECTION 313 (Specific toxic chemical listings):** None of the ingredients is listed.

**TSCA (Toxic Substances Control Act):** All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

**CALIFORNIA PROP 65:** This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

**16. Other**

	NFPA	HMIS
HEALTH	2	2
FLAMMABILITY	0	0
REACTIVITY	1	1
SPECIAL HAZARDS		
PROTECTIVE EQUIPMENT		

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**ROYAL CUSTOM PRODUCT CODE(S):** RP-2085