

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Horizon Bleach

OTHER MEANS OF IDENTIFICATION: Not applicable.

GENERAL USE: For professional laundry & wetcleaning use only.

PRODUCT DESCRIPTION: Laundry Detergent

MANUFACTURER

Adco Professional Products LLC
1706 Ledo Rd.
Albany, GA 31707

Product Information: 800-323-7206 (USA
& Canada only)

24 HR. EMERGENCY TELEPHONE NUMBERS

Medical Emergency: 866-303-6947 (USA & Canada only) or 651-632-9272

Transportation Emergency: 800-424-9300 (USA & Canada only) or 703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Oxidizing Solids: Category 3

Acute Toxicity – Ingestion: Category 4 Acute Toxicity – Inhalation: Category 4 *This is a typo on CKE SDS, because their Sec. 11 shows Category 4. Category 3 would require skull & crossbones pictogram.*

Skin Corrosion/Irritation: Category 2

Serious Eye Damage/Irritation: Category 2A

GHS LABEL ELEMENTS

Symbol(s):



Signal Word: Warning

Hazard Statements:

H272 – May intensify fire; oxidizer.

H302 – Harmful if swallowed.

H315 – Causes skin irritation.

H320 – Causes eye irritation.

H332 – Harmful if inhaled. *H332 is the H-phrase that corresponds to Acute Toxicity, Category 4, not H335.*

Precautionary Statements:

P210 – Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

P220 – Keep/Store away from clothing/combustible materials.

P221 – Take any precaution to avoid mixing with combustibles

P233 – Keep container tightly closed

P261 – Avoid breathing in dust, fumes, or vapors

P262 – Do not get in eyes, on skin or on clothing

P264 – Wash hands after handling

P270 – Do not eat, drink or smoke when using this product.

P271 – Use only outdoors or in a well-ventilated area.

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P301+P312+P330 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P304+P340 – IF INHALED: Remove affected person to fresh air and keep at rest in a position comfortable for breathing

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313 – If skin irritation occurs: Get medical advice/attention.

P337+P313 – If eye irritation persists: Get medical advice/attention.

P362+P364 – Take off contaminated clothing and wash before reuse.

P370+P378 – In case of fire: Use CO₂, foam, water or fog for extinction.

N/A

P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards: Not applicable.

Unknown Acute Toxicity: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>
Sodium carbonate	< 35	497-19-8
Sodium percarbonate	< 80	7758-29-4

COMMENTS: None.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of clean water for at least 15 minutes. Get immediate medical attention.

SKIN: Remove excess material. If irritation occurs, flush with plenty of clean water. Seek medical attention if a rash occurs or if irritation continues

INGESTION: Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

INHALATION: Remove affected person to fresh air. If not breathing, give artificial respiration. Get medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Irritation.

SKIN: May cause irritation.

SKIN ABSORPTION: Insufficient data available.

INGESTION: Nausea, vomiting, diarrhea, and gastrointestinal disorder

INHALATION: Respiratory tract irritation.

ADDITIONAL INFORMATION: After emergency actions, call the emergency medical information number on page 1 or a physician immediately.

5. FIRE FIGHTING MEASURES

FLAMMABLE CLASS: Not applicable.

EXTINGUISHING MEDIA: Carbon dioxide, foam, water or fog

HAZARDOUS COMBUSTION PRODUCTS: Not applicable

OTHER CONSIDERATIONS: Spontaneous combustion on paper, wood, cloth or other organic matter. Ignition may be rapid, but can be delayed for hours. Rapid oxygen evolution from decomposition may increase the intensity of the fire.

FIRE FIGHTING EQUIPMENT: Wear protective gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Clean up spill with absorbent material and water, if necessary.

LARGE SPILL: Contain spill. Clean up spills immediately with absorbent material, observing precautions in the Exposure Controls / Personal Protection section (see section 8). Place absorbed material in closed containers for disposal (see section 13). Do not flush unneutralized residue to sewer. Avoid contamination of ground and surface waters.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: *Already in Sec. 8.* Keep out of the reach of children.

HANDLING: Follow all SDS/label precautions even after container is emptied because it may retain product residues.

STORAGE: Store in labeled, tightly sealed containers in a cool, dry area.

ELECTROSTATIC ACCUMULATION HAZARD: Not applicable.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		<u>EXPOSURE LIMITS</u>					
		<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>Supplier OEL</u>	
		<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>	<u>ppm</u>	<u>mg/m³</u>
Sodium carbonate	TWA		NE ^[1]		NE		
	STEL		NE		NE		
Sodium percarbonate	TWA		NE		NE		
	STEL		NE		NE		

TABLE FOOTNOTES:

1. NE=Not established.

ENGINEERING CONTROLS: Not required

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses or chemical splash goggles

SKIN: Rubber or Barrier™ gloves.

RESPIRATORY: Not required.

PROTECTIVE CLOTHING: Where contact is likely, wear the appropriate chemical resistant equipment, which depending on circumstances may include chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Do not eat or drink in work area.

OTHER USE PRECAUTIONS: Have eye wash station available. Do not wear contact lenses without eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Powder.

PHYSICAL STATE: Solid.

COLOR: White.

ODOR: None.

ODOR THRESHOLD: No data available.

pH: 10-12.

FREEZING POINT: No data available.

INITIAL BOILING POINT: Not applicable.

FLASHPOINT: Not applicable.

EVAPORATION RATE: Not applicable.

FLAMMABILITY (Solid, Gas): Non-flammable.

FLAMMABLE LIMITS: No data available.

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

RELATIVE DENSITY: No data available.

SOLUBILITY IN WATER: Soluble.

PARTITION COEFFICIENT (Log K_{ow}): No data available.

AUTOIGNITION TEMPERATURE: Not applicable.

DECOMPOSITION TEMPERATURE: No data available.

VISCOSITY: Not applicable.

PERCENT VOLATILE: No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: No.

CHEMICAL STABILITY: Stable.

POSSIBILITY OF HAZARDOUS REACTIONS: Polymerization will not occur.

CONDITIONS TO AVOID: Moisture.

INCOMPATIBLE MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: Skin, oral and inhalation

ACUTE TOXICITY (ATE)

DERMAL LD₅₀: > 2,000 mg/kg (rabbit) *Based on S. Percarbonate & S. Carbonate SDS data.*

ORAL LD₅₀: > 1,000 mg/kg (rat) *CKE calculation incorrect.*

INHALATION LC₅₀: > 2.3 mg/L (rat)

CHRONIC TOXICITY

TARGET ORGANS: Insufficient data available.

SENSITIZATION: Insufficient data available.

CARCINOGENICITY: None

IARC: Not listed as a carcinogen.

NTP: Not listed as a carcinogen.

OSHA: Not listed as a carcinogen.

OTHER: Not applicable.

OTHER: No data available.

REPRODUCTIVE EFFECTS: Insufficient data available.

MUTAGENICITY: Insufficient data available.

SYNERGISTIC MATERIALS: None known.

POTENTIAL HEALTH EFFECTS

EYES: Insufficient data available.

SKIN: Insufficient data available.

SKIN ABSORPTION: Insufficient data available.

INGESTION: Insufficient data available.

ASPIRATION HAZARD: No.

INHALATION: Insufficient data available.

MEDICAL CONDITIONS AGGRAVATED: Insufficient data available.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Insufficient data available.

PERSISTENCE AND DEGRADABILITY: Insufficient data available.

BIOACCUMULATIVE POTENTIAL: Insufficient data available.

MOBILITY IN SOIL: Insufficient data available.

OTHER ADVERSE EFFECTS: No data available.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations.

EMPTY CONTAINER: Not applicable.

RCRA/EPA WASTE INFORMATION: Contains no material listed by RCRA as a hazardous waste.

14. TRANSPORT INFORMATION**DOT (DEPARTMENT OF TRANSPORTATION)**

PROPER SHIPPING NAME: Oxidizing Solid, NOS

TECHNICAL NAME(S): Sodium Percarbonate

PRIMARY HAZARD CLASS/DIVISION: 5.1

UN/NA NUMBER: UN1479

PACKING GROUP: III

LABEL: Oxidizer

REPORTABLE QUANTITY (RQ) UNDER CERCLA: Not applicable.

OTHER SHIPPING INFORMATION: Not applicable.

CANADA TRANSPORT OF DANGEROUS GOODS

PROPER SHIPPING NAME: Oxidizing Solid, NOS

TECHNICAL NAME(S): Sodium Percarbonate

PRIMARY HAZARD CLASS/DIVISION: 5.1

UN/NA NUMBER: UN1479

PACKING GROUP: III

LABEL: Oxidizer

OTHER SHIPPING INFORMATION: Not applicable.

AIR (ICAO/IATA)

PROPER SHIPPING NAME: Oxidizing Solid, NOS

TECHNICAL NAME(S): Sodium Percarbonate

PRIMARY HAZARD CLASS/DIVISION: 5.1

UN/NA NUMBER: UN1479

PACKING GROUP: III

LABEL: Oxidizer

PLACARDS: Consult applicable regulations governing air shipments.

IATA NOTE: Consult applicable regulations on packaging requirements and quantity limitations.

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES:

FIRE: No. **PRESSURE GENERATING:** No. **REACTIVITY:** No. **ACUTE:** Yes.

CHRONIC: No.

313 REPORTABLE INGREDIENTS: None.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA RQ: Not applicable.

REPORTABLE SPILL QUANTITY: Not applicable.

RCRA STATUS: See section 13.

MEXICO

Regulated for transport.

STATE REGULATIONS

MASSACHUSETTS

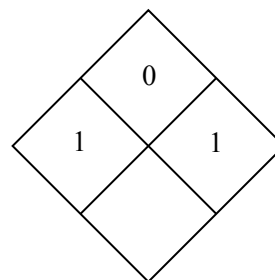
Contains no substances regulated by the Massachusetts Substance List.

CALIFORNIA

PROPOSITION 65 STATEMENT: This product contains no ingredients known to the state of California to cause cancer, birth defects, or other reproductive harm.

16. OTHER INFORMATION

HMIS RATINGS	
HEALTH:	1
FLAMMABILITY:	0
REACTIVITY:	1
PERSONAL PROTECTION:	B

NFPA RATINGS**SDS Revision Date:** July 10, 2015