

MATERIAL SAFETY DATA SHEET



Triax

HMIS		NFPA	Personal protective equipment	
Health	2	2	 	
Fire Hazard	0	0		
Reactivity	0	0		

Version Number: 2

Preparation date: 2005-01-25

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Triax

MSDS #: 226400667001

Product code: 3521910, 3521928, 3521936, 3521944

Recommended use: Color Safe Oxygen Bleach.

Manufacturer, importer, supplier:

US Headquarters JohnsonDiversey, Inc. 8310 16th St. Sturtevant, Wisconsin 53177-0902 Phone: 1-888-352-2249 MSDS Internet Address: www.johnsondiversev.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING. OXIDIZER . CAUSES EYE AND SKIN IRRITATION. MAY BE HARMFUL IF SWALLOWED . Do not mix with any other product or chemical.

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.

Skin contact: Moderately irritating to the skin.

Eye contact: Severe eye irritation.

Inhalation: May be irritating to nose, throat, and respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hydrogen peroxide	7722-84-1	5 - 10%	376 mg/kg (rat)	500 mg/kg (rabbit)	2 g/m ³ (rat)

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.

Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.

Ingestion: Do not induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Aggravated Medical Conditions: None known.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.

Specific hazards: Oxidizer . Decomposition releases oxygen, which may intensify fire .

Unusual hazards: Decomposition releases oxygen, which may intensify fire .

Specific methods: No special methods required

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: No information available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).
Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling:
Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Do not taste or swallow. Avoid breathing vapors or mists. Remove and wash contaminated clothing and footwear before re-use. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage:
Keep tightly closed in a dry, cool and well-ventilated place. Protect from freezing . Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
No special ventilation requirements . General room ventilation is adequate .

Personal Protective Equipment

Eye protection: Chemical splash goggles.
Hand protection: Chemical resistant gloves.
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: No special requirements under normal use conditions
Hygiene measures: Avoid contact with skin, eyes and clothing .

Ingredient	CAS #	ACGIH	OSHA	Mexico
Hydrogen peroxide	7722-84-1	1 ppm (TWA)	1.4 mg/m ³ 1 ppm (TWA)	1.5 mg/m ³ (TWA) 3 mg/m ³ (STEL)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Appearance: Liquid
Color: Colourless	Boiling point/range: Not determined
Odor: Odorless	Melting point/range: Not determined
Specific gravity: 1.045	pH: 5.5
Dilution pH: No information available	Density: 1.045
Bulk density: No information available	Decomposition temperature: Not determined
Vapor density: No information available	Autoignition temperature: No information available
Evaporation rate: No information available	Solubility: Soluble
Solubility in other solvents: No information available	VOC: 0.0
Viscosity: No information available	Flash point: >200 (°F) >93.3 (°C)
Partition coefficient (n-octanol/water): No information available	

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerisation does not occur
Hazardous decomposition products: None reasonably foreseeable
Materials to avoid: Organic materials. Flammable materials.
Conditions to avoid: Do not freeze. Strong sunlight for prolonged periods.. Do not mix with any other product or chemical .

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be greater than 5000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.
Component Information: See Section 3
Chronic toxicity: None known
Specific effects
Carcinogenic effects: None known
Mutagenic effects: None known
Reproductive toxicity: None known
Target organ effects: None known

HAZARDOUS COMPONENTS

Ingredient	CAS #	NTP	IARC	OSHA
Hydrogen peroxide	7722-84-1		3 Classification not possible from current data.	

12. ECOLOGICAL INFORMATION

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products:**

Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION**International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Korea (ECL), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Hydrogen peroxide	7722-84-1	Listed	Listed	Listed	Listed	Listed	Listed
Water	7732-18-5	-	-	-	-	-	-

CERCLA / SARA

Ingredient	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Hydrogen peroxide	7722-84-1	5 - 10%		1000	

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: C Oxidizing materials , D2B Toxic materials .

**16. OTHER INFORMATION**

Reason for revision: Not applicable
Prepared by: NAPRAC
Additional advice: None

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