

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.johnsondiversey.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
---	--

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/NDL), 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

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.