


Safety Data Sheet

Section 1 - Product Information					
Product Name: color-safe			Supplier: Intercon Chemical Company		
Product Code Number: 0203		Information Phone: 1-314-771-6600		Address: 1100 Central Industrial Drive St. Louis MO 63110	
Product use:	Concentrated Oxygen Destainer	Emergency Contact: CHEMTREC 1-800-424-9300			
Section 2 - Hazard Identification					
GHS Classification: Oxidizing liquids: Category 3, Skin irritation: Category 2, Eye irritation Category 2A					
Section 2.1 - Label Elements					
Hazard Pictograms		Precautionary Statements:			
		Keep away from heat. Take any precaution to avoid mixing with combustibles. In case of fire use water spray or fog, foam, dry chemical or carbon dioxide for extinction. Wear eye and face protection. Wear chemical resistant gloves. Wash thoroughly after handling. IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. IF skin irritation occurs seek medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.			
Signal Word: Warning					
Hazard Statements: May intensify fire; oxidizer Causes skin irritation. Causes serious eye irritation.					
Section 3 - Composition					
Chemical Name		CAS #		Percent w/w	
Hydrogen Peroxide		7722-84-1		10	
Section 4 - First Aid Measures					
IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before re-use. If skin irritation occurs seek medical attention.					
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists get medical attention.					
Inhalation: Remove to fresh air					
Ingestion: Give milk or water to dilute material. DO NOT induce vomiting. Call a physician or POISON CENTER if you feel unwell.					
Section 5 - Fire and Explosion Hazard Data					
Flash Point:	Limits	Extinguishing Media:		Special Fire Fighting Procedures: Avoid exposure to fumes or vapors.	
None	LEL: NA UEL: NA	Water spray or fog, foam, dry chemical or carbon dioxide		Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV. UNUSUAL FIRE & EXPLOSION HAZARD: Upon decomposition product releases oxygen which may intensify fire.	
Section 6 - Accidental Release Measures					
Dilute with a large volume of water and hold until H2O2 decomposes. Flush to sewer.					
Section 7 - Handling and Storage					
For institutional and industrial use only, not intended for consumer use. Store upright in original closed container. Avoid all contact. Avoid excessive heat. Avoid contamination of any kind. Remove and wash contaminated clothing before reuse.					
Section 8 - Exposure Controls/PPE					
Ingredient	OSHA PEL:	ACGIH TLV	PPE		General Hygiene Considerations:
Hydrogen Peroxide	1ppm	1ppm	Respiratory:	not normally required	Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.
			Eye:	safety glasses	
			Skin:	gloves recommended	
			Ventilation:	Normal room ventilation	

Section 9 - Physical and Chemical Properties

Appearance	odor	odor threshold	pH	Melting Point	Boiling point	Evaporation rate	Flammability	Upper/lower flammability limits	Vapor pressure
colorless liq.	none	NE	4	NE	212°F	>1.0(water =1)	No	NA	17mm(Hg)
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility(H ₂ O)	Partition coefficient	Auto Ignition temp	Viscosity	Decomposition Temperature	
.62(air = 1)	8.57	1.029	7	complete	NE	NA	thin	NA	

Section 10 - Stability and Reactivity

Product is stable. Hazardous polymerization will not occur. It is incompatible with heavy metals, organics and excessive heat. If burned normal combustion products such as Carbon Dioxide, Carbon Monoxide and Nitrous Oxides may occur. Decomposition produces oxygen which may intensify fire.

Section 11- Toxicological Information

Ingredient	Acute toxicity(oral LD50) rat	Acute toxicity(derm. LD50)rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure
Hydrogen Peroxide	2000mg/kg	4060mg/kg	irritant	see below	no info	no info	no info	no info

Other:

Section 12 - Ecological Information

Toxicity:
 Hydrogen Peroxide: 72 hr EC50 chlorella vulgaris 2.5 mg/L
 Phosphoric Acid: No data available
Persistence and Degradability:
 Phosphoric Acid: The acidity may be reduced by water hardness but the phosphate may persist indefinitely. Hydrogen peroxide degrades rapidly to oxygen and water

Section 13 - Disposal Considerations

The products covered by this SDS, in their original form, are considered hazardous waste(hazard code D001) according to RCRA(40 CFR 261).Dispose of in accordance with applicable Federal, State and Local regulations.

Section 14 - Transport Information

UN number	Basic Description(DOT)	Class	Packing Group	LTD QTY
UN2984	Hydrogen Peroxide, aqueous solution	5.1	III	< 5L

Section 15 - Regulatory Information

SARA Title 3: Hydrogen Peroxide, Reportable under 302, 304, 311,312 and 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.
 CERCLA: Does not contain chemicals subject to reporting under CERCLA. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68

Section 16 - Other Information

WHMIS:		HMIS: Health - 2	Flam. - 0	R - 1	PPE- C
Date Prepared: 05-07-2015	Prepared by: Environmental, Health and Safety Administrator.				

The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with materials or in any process, unless specified in the text.

Legend for Abbreviations: NA - not applicable NE - Not Established