



SAFETY DATA SHEET (SDS)

Dyad Medical Sourcing

SECTION I - PRODUCT IDENTIFICATION

Product Trade Name: HCS Hydrogen Peroxide 3% USP

Intended Use: First aid to help prevent risk of infection in minor cuts, scratches and burns; Aids in the removal of phlegm, mucous or other oral secretions associated with occasional sore mouth.

Application Method: First aid antiseptic - apply a small amount of product on affected area 1 to 3 times daily.
Oral rinse - mix with an equal amount of water and swish around mouth up to 4 times daily.

Manufacturer: Dyad Medical Sourcing, LLC
2101 Waukegan Road, Suite 208
Bannockburn, IL 60015

Emergency Phone Number: 1-855-241-1773

SECTION II - HAZARD(S) IDENTIFICATION

Route(s) of Entry:

Eyes: May cause serious eye damage. If in eyes, rinse continuously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a Poison Center or doctor/physician. Wash any contaminated clothing before reuse.

Skin: May cause severe skin burns. If on skin or in hair, remove all contaminated clothing immediately. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Ingestion: If swallowed/ingested, rinse mouth. Do NOT induce vomiting. Stay at rest.

Inhalation: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing.

Health Hazards: May cause serious eye damage or severe skin burns if proper procedure is not followed

Prevention: Do not breathe mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves, eye protection and face protection.

Storage: Store locked up.

Disposal: Dispose of contents/container in accordance with local, state and federal regulations.

SECTION III - COMPOSITION / INFORMATION ON INGREDIENTS

This product contains the following substances that present a hazard within the meaning of the relevany State and Federal Hazardous Substances regulations.

<u>C.A.S. Number</u>	<u>Weight</u>	<u>GHS Classification</u>	<u>Notes</u>
7722-84-1	1.0 - 10	Ox. Liq. 1;H271 Acute Tox. 4;H332 Acute Tox. 4;H302 Skin Corr. 1A;H314	[1][2]

[1] Substance calssified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

SECTION IV - FIRST AID MEASURES

General:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Eyes:	Irrigate copiously with clean water for at least 15 minutes, holding eyelids apart and seek medical attention.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion:	If swallowed, do NOT induce vomiting and obtain medical attention.
Inhalation:	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Signs & Symptoms:	Inhalation of vapors and mists irritate the nose and throat. Minimally irritating to the eyes and mildly irritating to the skin. See section 2 for further details.
Eyes:	Causes serious eye damage.
Skin:	Causes severe skin burns and eye damage.

SECTION V - FIRE FIGHTING MEASURES

Extinguishing Media:	Flood with water spray or water fog.
Special Fire Fighting Procedures:	Firefighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.
Unusual Fire & Explosion Hazards:	Hazardous decomposition: Oxygen, which supports combustion. Do not breathe mist/vapors/spray.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Put on appropriate personal protective equipment (see section 8). Use personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.
Environmental Precautions:	Biodegradable, non-hazardous to environment.
Steps to be Taken in Case Material is Released/Spilled:	Flush with water; wear rubber boots, rubber apron and goggles.

SECTION VII - HANDLING & STORAGE

Storage Requirements:	Store in a cool, dark place. Avoid extreme heat. Handle containers carefully to prevent damage and spillage.
Incompatible Materials:	Reducing agents, combustible materials.



SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

CAS #	Ingredient	OSHA	ACGIH	NIOSH	NTP	IARC
0007722-84-1	Hydrogen Peroxide	TWA: 1ppm	TWA: 1ppm	TWA: 1ppm	None Known	Group 3
Respiratory Protection:		If workers are exposed to concentrations above the exposure limit, they must use the appropriate, certified respirators.				
Skin Protection:		Rubber or vinyl gloves.				
Eye Protection:		Protective goggles if desired.				
Engineering Controls:		N/A				
Work/Hygiene Practices:		Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.				

SECTION IX - PHYSICAL & CHEMICAL PROPERTIES

Appearance & Odor:	Clear, colorless liquid. Odorless.	Vapor Pressure:	23 mmHg
Odor Threshold:	Not measured	Vapor Density:	N/A
pH:	N/A	Specific Gravity (H₂O = 1):	1.1
Melting/Freezing Point:	N/A	Auto-ignition Temp:	Not measured
Boiling Point:	212°F	Decomposition Temp:	Not measured
Flash Point:	N/A	Viscosity:	Not measured
Evaporation Rate (Butyl Acetate = 1):	>1	Heavy Metals:	5ppm maximum
Flammability:	N/A	Limit of Preservative:	NMT 50mg
LEL/UEL:	N/A	Hydrogen Peroxide Assay:	2.5% - 3.5%
Solubility in Water:	Complete		

SECTION X - STABILITY & REACTIVITY

Chemical Stability:	Stable under normal circumstances.
Incompatibility (Materials to Avoid):	Reducing agents; combustible materials.
Hazardous Decomposition:	Oxygen, which supports combustion.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Extreme heat and contamination.

SECTION XI - TOXICOLOGICAL INFORMATION

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Hydrogen Peroxide (CAS# 7722-84-1)	801.00, Rat - Category: 4	2,000.00, Rat - Category: 4	2.00, Rat - Category: 2	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

SECTION XI - TOXICOLOGICAL INFORMATION *(continued)*

Classification	Category	Hazard Description
Acute Toxicity (oral)	-	N/A
Acute Toxicity (dermal)	-	N/A
Acute Toxicity (inhalation)	-	N/A
Skin Corrosion / Irritation	1B	Causes severe skin burns and eye damage.
Serious Eye Damage / Irritation	1	Causes severe eye damage.
Respiratory Sensitization	-	N/A
Skin Sensitization	-	N/A
Germ Cell Mutagenicity	-	N/A
Carcinogenicity	-	N/A
Reproductive Toxicity	-	N/A
STOT - Single Exposure	-	N/A
STOT - Repeated Exposure	-	N/A
Aspiration Hazard	-	N/A

SECTION XII - ECOLOGICAL INFORMATION

Persistence & Degradability:	No data available
Bioaccumulative Potential:	Not measured
Mobility in Soil:	No data available
Results of PBT & vPvB Assessment:	This product contains no PBT/vPvB chemicals.
Other Adverse Effects:	No data available

SECTION XIII - DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations when disposing of this substance.

SECTION XIV - TRANSPORT INFORMATION

Not regulated

SECTION XV - REGULATORY INFORMATION

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

Toxic Substance Control Act (TSCA): All components of this material are either listed or exempt from listing on the TSCA inventory.

WHMIS Classification:	D2B E
US EPA Tier II Hazards:	
<i>Fire:</i>	No
<i>Sudden Release of Pressure:</i>	No
<i>Reactive:</i>	No
<i>Immediate (Acute):</i>	Yes
<i>Delayed (Chronic):</i>	No

**SECTION XV - REGULATORY INFORMATION** *(continued)*

EPCRA 311/312 Chemicals & RQ's:	There are no chemicals at levels which require reporting under this statute
EPCRA 302 Extremely Hazardous:	Hydrogen Peroxide
EPCRA 313 Toxic Chemicals:	No chemicals at levels which require reporting under this statute
EPCRA 65 - Carcinogens (>0.0%):	No chemicals at levels which require reporting under this statute
EPCRA 65 - Developmental Toxins (>0.0%):	No chemicals at levels which require reporting under this statute
EPCRA 65 - Female Repro Toxins (>0.0%):	No chemicals at levels which require reporting under this statute
EPCRA 65 - Male Repro Toxins (>0.0%):	No chemicals at levels which require reporting under this statute
New Jersey RTK Substances (>1%):	Hydrogen Peroxide
Pennsylvania RTK Substances (>1%):	Hydrogen Peroxide

SECTION XVI - OTHER INFORMATION

Date of Preparation: September 2015

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