

DISTRIBUTED BY:
NATIONAL AMERICAN SALES
P. O. BOX 68
THIBODAUX, LA 70302

Material Safety Data Sheet

Prepared in Accordance with 29 CFR 1910.1200

Prepared by CRushton on 1/24/2002.

Section 1 - Product and Company Identification

Code:	329	Chemical Family	Not Applicable	NPCHA Hazardous Material Identification System	
Product Name	Restrain RTU	Formula	Not applicable.	Health	1
Generic Description	Hydrogen Peroxide Cleaner	Phone:	(419) 241-2156	Flammability	0
Supplier	National American Sales P.O.Box 68 Thiboduax, La 70302	Emergency phone:	Chemtec (800) 424-9300	Reactivity	1
				Personal Protection	A

Section 2-Ingredients:

Ingredient Name	CAS #	% by Weight	TLV/PEL	Carcinogenic Effects
1) Water	7732-18-5	>95	Not available.	Not available.
2) Hydrogen Peroxide	7722-84-1	0-5	Not available.	Not available.
3) Anionic Surfactant	68585-34-2	0-5	Not available.	Not available.
4) Citric Acid	77-92-9	0-5	Not available.	Not available.
5) Nonionic Surfactant	9016-45-9	0-5	Not available.	Not available.
6) Sodium Hydroxide	1310-73-2	<1	TWA: 2 (mg/m ³) from OSHA (PEL) [United States]	Not available.
7) Cocamine Oxide	68155-09-9	0-5	Not available.	Not available.
8) Phosphonic Acid	6419-19-8	0-5	Not available.	Not available.
9) Perfume Oil	N/A	<1	Not available.	Not available.
10) Polyglycoside Surfactant	110615-47-9	0-5	Not available.	Not available.
11) Sodium Lauryl Sulfate	151-21-3	0-5	Not available.	Not available.
12) Nonionic Surfactant	127087-87-0	0-5	Not available.	Not available.
13) Nonionic Surfactant	61788-90-7	0-5	Not available.	Not available.

Section 3-Physical and Chemical Properties

Boiling point	212 F	Specific Gravity	1.002 (Water = 1)
Vapor Pressure	>1	Vapor density:	>1 (Air = 1)
Volatility	Not available.	pH	3.5 to 4.5 [Acidic.]
Solubility	Soluble in cold water, hot water.	Evaporation Rate	Not available.
Physical State and Appearance	Liquid, Water White, Minty.		

Section 5 - Reactivity Data

Stability	The product is stable.
Incompatibility	Slightly reactive to reactive with oxidizing agents.
Hazardous Decomposition Products	Oxygen
Hazardous Polymerization	

Section 4-Fire/Explosion Hazards

Flash points (closed cup)	CLOSED CUP: >98.889°C (210°F).	Explosion Limits	Not available.
Extinguishing media	SMALL FIRE: Use DRY chemical powder. LARGE FIRE: Use water spray, fog or foam. Do not use water jet.		
Fire-Fighting Measures	Wear full protective clothing Use extinguishing media indicated.		
Explosion Hazards	Containers may explode when heated.		

Section 6-Storage

Precautions to be taken in handling and storage
Keep away from incompatibles.
Keep away from direct sunlight or strong incandescent light. Keep away from heat, sparks and flame. Keep away from incompatibles. Use with adequate ventilation.

Section 7-Health Hazards/ FIRST AID

Chronic Effects:	Repeated or prolonged exposure is not known to aggravate medical condition.	
ROUTES OF ENTRY	FIRST AID MEASURES	
Skin	Slightly hazardous in case of skin contact (irritant).	After contact with skin, wash immediately with plenty of water. Seek medical attention, if irritation persists.
Eyes	Hazardous in case of eye contact (irritant). Non-corrosive to the eyes.	Avoid contact with eyes Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention.
Inhalation	Slightly hazardous in case of inhalation.	Allow the victim to rest in a well ventilated area.
Ingestion	Slightly hazardous in case of ingestion.	Do not induce vomiting. Have conscious person drink several glasses of water. Seek immediate medical attention. NEVER give an unconscious person anything to ingest.
Medical Conditions aggravated by Exposure	Repeated or prolonged exposure is not known to aggravate medical condition.	

Section 8- Personal Protection

Protective Clothing	Ventilation	
Eye/Face Protection	Safety glasses.	Good general ventilation should be sufficient to control airborne levels.
Hand/Arm Protection	Gloves.	
Respiratory Protection	A respirator is not needed under normal and intended conditions of product use.	
Other Special Considerations		

Section 9-Large Spill and Leak

Methods for cleaning up Spill	Methods of disposal
Absorb with an inert material and put the spilled material in an appropriate waste disposal.	Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SARA 313

SARA 313 toxic chemical notification and release reporting: No products were found.

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