



SAFETY DATA SHEET

PRODUCT

R96 Marble Stain Remover

STRONG ACID DETERGENT

COMPILATION DATE: DECEMBER, 1997

SECTION 1 Product and Company Identification

1.01 Name **R96**
1.02 Synonyms Hydrogen Peroxide
1.03 Chemical Formula H₂O₂
1.04 Product Code 2014 (50% Hydrogen Peroxide)
1.05 Manufacturer ITALCINA CHEMICAL COMPANY LIMITED
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SECTION 2 Composition/Information on Ingredients

Contained dangerous substances for the health according to U.E. direction no. 67/548 and subsequent amendments or substances for which exist know exposure limits

SUBSTANCE	%	CAS no.	U.E. no.	Symbol	R Phrases
Hydrogen peroxide	50%	7722-84-1		C	34

* Key R34 = causes burnings

SECTION 3 Hazards Identification

3.01 Emergency Overview Oxidizer. Contact with combustibles may cause fire. Decomposes yielding oxygen that supports combustion of organic matter and can cause overpressure if confined.
3.02 Averse Human Health Effects Irritating to eyes, respiratory system and skin.
3.03 Environmental Effects No information available
3.04 Physical and Chemical Hazard Irritating to eyes, respiratory system and skin

SECTION 4 First-Aid Measures

4.01 Inhalation Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.
4.02 Ingestion If person is conscious, immediately administer large quantities of water. Never give anything by mouth to unconscious person.
4.03 Skin Contact Get medical aid immediately. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
4.04 Eye Contact Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.
4.05 Notes to Physician Direct contact with the eye is likely to cause cornea damage especially if not washed immediately. Careful ophthalmologic evaluation is recommended.

**SECTION 5** Fire-Fighting Measures

- 5.01 Extinguishing Media Preferably Water or water fog
- 5.02 Fire and explosion Hazards No information available
- 5.03 Special firefighting Procedures Any tank or container surrounded by fire should be flooded with water for cooling
- 5.04 Special Equipment for the Protection of Firefighters Wear full protective clothing and self-contained breathing apparatus.

SECTION 6 Accidental Release Measures

- 6.01 Personal Precautions Wear self contained breathing apparatus and appropriate protective equipment.
- 6.02 Environmental Precautions No information available
- 6.03 Methods for cleaning Up Dilute with large volume of water and hold in a pond or disked area until H2O2 decomposes. Dispose according to methods outlined for waste disposal.

SECTION 7 Handling and Storage

- 7.01 Handling Do not contaminate with NaOH, dust , organic solvent etc .
- 7.02 Storage H2O2 contains must have ventilation design.

SECTION 8 Exposure Controls/Personal Protection

- 8.01 Engineering Measure No information available
- 8.02 Control parameters No information available
- 8.03 Personal Protective Eyeglasses,glove,helmet, mask,safety shower, eye wash fountain.
- 8.04 Equipment Respiratory Protection: If concentrations in excess of 10 ppm are expected used approved self -contained breathing apparatus. Do not use oxidizable sorbants such as activated carbon.
Hand Protection: Liquid proff rubber or neoprene gloves.
Eye Protection: Use cup type chemical goggles and /or full face shield.
Skin and Body Protection: Wear appropriate protective gloves and clothing to prevent and minimize contact with skin.
- 8.05 Specific Hygiene Measures No information available

SECTION 9 Physical and Chemical Properties

Physical State	Transparent liquid	Form	Transparent liquid.
Color	Colorless	Odor	Slightly Pungent.
pH	50% H2O2: 1~3	Boiling Point/Boiling Range	@760mmHg 50% H2O2: 114 °C
Decomposition Temperature	No information available	Flash Point & Method Used	No information available
Auto Ignition Temperature	No information available	Explosion Properties	No information available
Vapor pressure	@30 °C, mmHg 50% H2O2: 18	Vapor density	1.17 (Air=1, @100% H2O2)
Density	@20 °C/4 °C, H2O=1 50% H2O2: 1.19	Solubility	100% (@H2O)



SECTION 10	Stability and Reactivity
10.01 Stability	Stable under normal conditions
10.02 Possible Hazardous Reactions	No information available
Occurring under Specific	
Conditions	
10.03 Conditions to Avoid	Excessive heat or contamination could cause product to become unstable.
10.04 Materials to Avoid	Oxidizing agents, acids, acid chlorides, chloroformates, formaide, Iodine, sulfur trioxide.
10.05 Hazardous Decomposition	Nitrogen oxides, carbon monoxide, carbon dioxide.
Products	

SECTION 11 Toxicological Information

11.01 Acute Toxicity	No information available
11.02 Local effects	No information available
11.03 Sensitization	No information available
11.04 Chronic Toxicity or Long	No information available
11.05 Specific effects	No information available

SECTION 12 Ecological information

12.01 Possible Environmental effects,	No information available
Behavior and Fate	

SECTION 13 Disposal Considerations

13.01 Recommended Methods for Safe	Wash with plenty of water.
and Environmentally Preferred	
Disposal	

SECTION 14 Transport Information

14.01 International Regulations	DOT 5.1, 8
14.02 UN Classification number	2014 (50% Hydrogen Peroxide)
14.03 Specific Precautionary Transport	Keep drums upright position
Measures and Conditions	

SECTION 15 Regulatory Information

15.01 Applicatble Regulations	No information available
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SECTION 16 Other Information

16.01 NFPA Ratings	NFPA704, Health 2, Flammability: 0, Reactivity: 1
16.02 Label Hazard Warning	Oxidizer, Corrosive

NOTES: This information on this sheet is based on our current knowledge and is also taken from bibliographies, tests, and safety sheet on the raw materials we use. It is not to be considered a specific product guarantee, but only suggestions and information regarding safety. Under no circumstances can our company be held responsible for the improper use of this product. It is the full and complete responsibility of the user to comply with current safety laws and regulations.