



MSDS

P.O. Box 329 - 802 Washington Avenue Chestertown, MD 21620 - USA

MATERIAL SAFETY DATA SHEET

TELEPHONE # FOR INFORMATION 410 778-3100

24 HOUR EMERGENCY NUMBER (CHEM-TEL): USA, Canada, Puerto Rico 800-255-3924;

Outside North American Continent 813-248-0585 (call Collect)

1. Product Identification

Product Code: 7685

Product Description: Nitrogen Dioxide Reagent #2

Manufactured By: LaMotte Company
802 Washington Avenue
Chestertown, MD 21620

2. Composition/Information On Ingredients

Hazard	CAS#/Name	%	PEL	TLV
Yes	7722-84-1 Hydrogen Peroxide	3	1 ppm	1 ppm
No	7732-18-5 Water	to 100%	None Established	None Established

3. Hazards Overview

Primary Route Of Entry: Ingestion Skin

May irritate eyes and skin. Harmful if swallowed.

HMIS Hazard

Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least

Health: 1 Flammability: 0 Reactivity: 1

Carcinogenicity: Yes: OSHA IARC

Other Health Related Comments:

Product contains trace of Phenacetin, CAS# 62-44-2, which is listed by IARC, Group 2A, as probable human carcinogen

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4. First Aid Measures

Eye Contact: Flush with water for 15 minutes.

Skin Contact: Wash thoroughly with soap and water.

Ingestion: Drink plenty of water. Consult physician.

Inhalation: Remove to fresh air.

5. Fire Fighting Measures

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. Accidental Release Measures

Take up with sand, spill pads, or other non-combustible absorbent and containerize for disposal. If permitted by local regulations, small spills: Mop up, dilute with water, and flush to drain.

7. Handling & Storage

Store in cool, dry, storage area away from incompatible materials.

8. Exposure Controls/Personal Protection

Ventilation

Normal

Protection When Handling

Eye Protection Gloves Lab Coat

Work/Hygenic Practices: Avoid contact with skin or clothing.

9. Physical & Chemical Properties

Appearance: Clear Colorless Liquid

Solubility In Water: Soluble

Odor: None

pH: 6

Vapor Density: <1 (Air=1)

Vapor Pressure: ca. 17 @ 20° C

Boiling Point: ca. 100° C

Melting Point: N/A

10. Stability & Reactivity

Stable: Yes

Conditions To Avoid: Heat, light

Incompatibility (Materials To Avoid): Ammonia, carbonates, organic materials

Hazardous Decomposition Products: N/A

11. Toxicological Information

orl rat LD50: 1518 mg/kg for hydrogen peroxide, concentrated

Target Organs: Eyes Skin

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12. Ecological Information

Information Not Yet Available

13. Disposal Considerations

Dispose according to federal, state and local regulations.

14. Transportation Information

Not Regulated For Transport

15. Regulatory Information

Chemical Inventory Status

Hazard	Ingredient	USA	Europe	--- Canada ---		Australia	Japan
		TSCA	EC	DSL	NDSL		
Yes	7722-84-1 Hydrogen Peroxide, 30% solution	Yes	Yes	Yes	No	Yes	Yes
No	7732-18-5 Distilled Water	Yes	Yes	Yes	No	Yes	Yes

Federal, State, & International Regulations

Ingredient	--- SARA 302 ---		----- SARA 313 -----		CERCLA	RCRA 261.33	TSCA 8(D)
	RQ	TPQ	Listed	Chemical Category			
7722-84-1 Hydrogen Peroxide, 30% solution	No	No	No	No	No	No	No
7732-18-5 Distilled Water	No	No	No	No	No	No	No

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--- SARA 311/312 ---

Hazard Categories

----- Australia -----

**Hazchem
Code**

**Poison
Schedule**

**This MSDS Is
WHMIS Compliant**

Ingredient **Acute** **Chronic** **Fire** **Pressure** **Reactivity**

7722-84-1 Yes No No No Yes
Hydrogen Peroxide, 30% solution

7732-18-5 No No No No No
Distilled Water

None Allocated

S5

None Allocated

None Allocated

product 7685 Yes No No No No None Allocated None Allocated Yes
as a whole

16. Other Information

Store away from light & heat.

Prepared By: Regulatory Affairs Department

Revised: 7/11/2009
