

Material Safety Data Sheet HYDROGEN PEROXIDE 3%

IMPORTANT: Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product. The contents and format of this MSDS are in accordance with EC Commission Directive 91/155EEC.

1. **Identification**
 Chemical Description HYDROGEN PEROXIDE 3%

2. **Composition**
 Hydrogen peroxide
 CAS No. 772-84-1 - 3%
 Water - 97%

3. **Hazards Identification**
 Not regarded as a health hazard under current legislation.

4. **First Aid Measures**
 - Eye Contact
 - Irrigate thoroughly with water for at least 10 mins. If discomfort persists obtain medical attention.
 - Inhalation
 - Remove from exposure, rest and keep warm. In severe cases obtain medical attention.
 - Skin Contact
 - Wash off skin thoroughly with water.
 - Ingestion
 - Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. **Fire Fighting Measures**
 This material is not combustible.

6. **Accidental Release Measures**
 Precautions
 Wear appropriate protective clothing
 Wear necessary protective equipment. Ventilate Contain and recover liquid if possible. Ventilate area. Dilute with water. Absorb in vermiculite, dry sand or earth and place in containers and arrange removal by disposal company. Keep combustibles away from spilled material.

7. **Handling and Storage**
 Store in a cool dry place, out of direct sunlight. Keep away from combustible material.

8. **Exposure controls / Personal Protection (as appropriate to quantities handled)**

| | | | | |
|------------------------|---|--|--|--|
| Protective Equipment | Goggles or face-shield, rubber or plastic gloves, plastic apron, sleeves and boots if handling large quantities | | | |
| Respiratory Protection | Not applicable | | | |
| Ventilation | Not applicable | | | |

9. **Physical and Chemical Properties**

| | | | | |
|---------------------------|----------------------------|--|--|--|
| Appearance/Form | Colourless Liquid | | | |
| Melting Point | n/a | | | |
| Flash Point (degC) | n/a | | | |
| Boiling Point | n/a | | | |
| Auto-ignition Temp (degC) | n/a | | | |
| Solubility in water | Miscible in all proportion | | | |

10. **Stability and Reactivity**

| | | | | | |
|----------------------------|--|----------------|----------------|----------------|-----------------------|
| Stability | Normally stable | | | | |
| Other Known Hazards | Avoid excessive heat for prolonged periods of time | | | | |
| Avoid Contact With - Water | (no) | Acids (yes) | Bases (yes) | Oxidisers (no) | Combustibles (yes) |

11. **Toxicological information**

| | | | | |
|-----------------|--|--|--|--|
| Toxicity | Harmful if swallowed Gastrointestinal symptoms Irritating to respiratory tract May irritate eyes and skin De-fatting agent on skin | | | |
| Carcinogenicity | No evidence of carcinogenic properties | | | |
| Mutagenicity | No evidence of mutagenic effects | | | |

12. **Ecological Information**
 No hazard if used and disposed of with care and attention

13. **Disposal Considerations**
 Dispose of in accordance with local authority requirements or pass to chemical disposal company

14. **Transportation Information**

| | | | | |
|---------|----------------|--|--|--|
| UN No | Not classified | | | |
| IMDG | Not classified | | | |
| IATA | Not classified | | | |
| IMO | Not classified | | | |
| ADR/RID | Not classified | | | |

15. Regulatory Information

| | |
|----------------|----------------|
| Symbol | Not classified |
| Risk Phrases | Not classified |
| Safety Phrases | Not classified |

16. Other Information

All information, recommendations and suggestions herein concerning the above product are based upon data believed to be reliable, however, it is the users responsibility to determine the safety, toxicity, and suitability for his/her own use of the product described herein. The information herein should not be construed as being absolutely complete since additional information may be necessary or desirable when special or exceptional circumstances exist or because of applicable laws or regulations.

Disclaimer

The preceding is given in good faith as required under the health and safety at work act 1974, but no warranty is implied or given. The information provided is designed to enable the user to use the product safely. If the information is insufficient to ensure safety in any particular application, contact "the supplier" for further advice before proceeding.

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