1. Identification

Product Code CH6204-28

Product Name HYDROGEN PEROXIDE SOLUTION L.R. (20 VOLUMES)

Molecular Formula $H_2O_2 = 34.01$

CAS Number 7722-84-1

Supplier:



BEECROFT & PARTNERS

Northfield Road Rotherham South Yorkshire

Phone 01709-377881 Fax 01709-369264

Emergency Telephone 08:30-1700 01709-377881

24hr 112 (Have this document to hand)

2. Composition

Component	CAS No EEC No Conc w/w Classification &		Classification & Risk Phrases	Phrases Exp (See 8.1)		
Hydrogen peroxide	7722-84-1	231-765-0	6.0%	Xi : R34	OES	

3. Hazards Identification



Irritating to eyes and skin.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open.

OBTAIN MEDICAL ATTENTION.

Skin Wash off skin thoroughly with water. Remove contaminated clothing immediately and wash

before re-use. If discomfort persists OBTAIN MEDICAL ATTENTION.

Inhalation Remove from exposure. Keep warm and at rest. In severe cases or if exposure has been great,

OBTAIN MEDICAL ATTENTION.

Ingestion If conscious give plenty of water to drink. Do not induce vomiting. If unconscious place in

the recovery position. OBTAIN MEDICAL ATTENTION URGENTLY.

5. Fire Fighting Measures

Hazards Presents no specific fire danger.

Extinguishing Media

Consider what other flammable materials are present and act accordingly.

Unsuitable

Nothing specified.

Media

6. Accidental Release Measures

Personal Use approved personal protective equipment. Evacuate area immediately. Do not allow general

Protection use of area until it is safe to do so.

6. Accidental Release Measures (continued)

Inviromental Keep material out of sewers, storm drains, surface waters and soil. Notify the

Environmental Agency and local Environmental Health Officer if major spillage occurs.

Major Spillage Contain and absorb on inert material. Transfer absorbent to salvage container for removal.

Wash area down with copious amounts of water.

Minor Spillage Wash area down with copious amounts of water.

7. Storage & Handling

Handling Precautions Avoid contact with skin and eyes. Do not breath vapours. Do not allow to contaminate

clothing.

Ensure Local Exhaust Ventilation maintains vapour concentrations below the recommended

limits.

Storage Conditions Well ventilated, cool, dry storage . Large quantities must be stored in vented containers.

8.1 Occupational Exposure Limits

Component	CAS No	Occupational Exposure Standard			Maximum Exposure Limits				
		Long Term		Short Term		Long Term		Short Term	
		ppm	mg m-3	ppm	mg m-3	ppm	mg m-3	ppm	mg m-3
Hydrogen peroxide	7722-84-1	1	1	2	3	-	-	-	-

8.2 Personal Protection

Respiratory Use L.E.V. or natural ventilation to maintain vapour concentrations below exposure limits.

If not, use a well maintained chemical cartridge respirator, or use self contained

breathing apparatus.

Hands Use PVC gauntlets.

Eyes Use chemical splash proof glasses or goggles.

Skin If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance Clear colourless liquid.

Odour Odourless. pH 2 @ 20 °C

Boiling point a

Melting point Not available Flash point Not available Upper Flammable Limit Not available Lower Flammable Limit Not available Auto Ignition Not available

Explosive properties No.

Oxidising Properties A strong oxidising agent.

Vapour Presure Not available

Relative Density 1.1010

Water Solubility Completely soluble in water.

10. Stability & Reactivity

Chemical Stability Very slowly decomposes with release of oxygen, this is accelerated by elevated

temperatures.

Conditions to Avoid Temperatures above 25C.

Materials to Avoid Readily decomposed by dust, metals, carbon, salts, etc. Strong oxidising agents. Alkalis.

Combustible materials. Many organic compounds.

Hazardous Decompose with release of flammable oxygen gas. Elevated temperatures increase rate of

Decomposition Products decomposition with risk of pressure build up.

11. Toxicological Information

Eyes The liquid may cause conjunctival irritation and corneal damage.

Skin The liquid may be irritating to the skin. Repeated exposure may cause dermatitis.

LD50 Skin Not available

Ingest Ingestion of large amounts will cause severe mouth burns, and if swallowed extensive damage

to the oesophagus. Symptoms may include salivation, thirst, difficulty in swallowing, pain,

shock and vomiting.

LD50 Ingest Not available

Inhalation Presents no significant health hazard by inhalation.

Carcinogenicity Not considered to be a carcinogen.

Mutagenicity Not considered to be a mutagen.

Reproductive Effects None identified.

12. Ecological

No specific environmental hazard.

13. Disposal Considerations

Disposal Methods Flush to drain.

Contaminated Packaging Wash out containers with water. Use a licensed waste disposer.

14. Transport Information

Proper Shipping Name Non-restricted
UN Number Non-restricted

UN Classification None Subsidiary Risk None

Flash Point Not available

Packing Group None Marine pollutant No

ADR Hazard ID Non-restricted

15. Regulatory Information

Labelling Irritant.

Classification

Label Symbols X



Risk & safety Phrases Irritating to eyes and skin. Keep container upright. In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice.

EEC Number 231-765-0

16. Other Information

Document Information This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

16. Other Information (continued)

Revision Date: 24/08/95.

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