

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: HYDROGEN PEROXIDE SOLUTION...35%

CAS number: 7722-84-1

EINECS number: 231-765-0

Index number: 008-003-00-9

Company name: Cannock Chemicals Ltd

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2. HAZARDS IDENTIFICATION

Main hazards: Contact with combustible material may cause fire. Causes burns.

Workplace exposure limit: This substance has a workplace exposure limit: (UK: WEL 8 hr exposure 1.4 mg/m³).

PBT: This substance is not identified as a PBT substance.

Directive 1999/45/EC: This preparation meets the criteria for classification as dangerous in accordance with Directive 1999/45/EC.

3. COMPOSITION / INFORMATION ON INGREDIENTS

4. FIRST AID MEASURES

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If

unconscious, check for breathing and apply artificial respiration if necessary.
If unconscious and breathing is OK, place in the recovery position. If
conscious, ensure the casualty sits or lies down. If breathing becomes
bubbly, have the casualty sit and provide oxygen if available. Transfer to
hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Carbon dioxide. Water fog.

Exposure hazards: Corrosive. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Protection of fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Eliminate all sources of ignition. Evacuate the area immediately.

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance.

7. HANDLING AND STORAGE

Handling requirements: Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden.

Storage conditions: Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits: HYDROGEN PEROXIDE SOLUTION...35%

UK - 8 hour TWA: 1.4 mg/m³

UK - 15 min. STEL: 2.8 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Self-contained breathing apparatus must be used in handling.

Hand protection: Protective gloves.

Eye protection: Safety goggles. Face-shield. Ensure eye bath is to hand.

Skin protection: Protective clothing with elasticated cuffs and closed neck. Boots made of PVC. PVC apron covering the tops of the boots. Ensure safety shower is to hand.

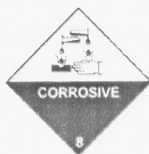
9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: Colourless

Oxidising: Oxidising (by EC criteria)

Boiling point/range°C: 126

Melting point/range°C: -40**10. STABILITY AND REACTIVITY****Stability:** Unstable.**Conditions to avoid:** Heat. Light.**Materials to avoid:** Reducing agents. Organic materials.**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.**11. TOXICOLOGICAL INFORMATION****Acute effects:** Causes burns.**11. TOXICOLOGICAL INFORMATION (SYMPTOMS)****Skin contact:** There may be irritation and redness at the site of contact. Severe burns may occur.**Eye contact:** There may be irritation and redness. Corneal burns may occur.**Ingestion:** There may be irritation of the throat. Nausea and stomach pain may occur.
There may be vomiting. Blood may be vomited. There may be loss of consciousness.**Inhalation:** There may be coughing and a sore throat. There may be congestion of the lungs causing severe shortness of breath.**12. ECOLOGICAL INFORMATION****Persistence and degradability:** Photodegradable.**Bioaccumulative potential:** No bioaccumulation potential.**Other adverse effects:** Harmful to fauna.**PBT identification:** This substance is not identified as a PBT substance.**13. DISPOSAL CONSIDERATIONS****NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 2014**Labelling:** 5.1+8**ADR Class:** 5.1**Hazard ID no:** 559

IMDG / IMO

UN no:	2014	Class:	5.1
Packing group:	I1	EmS:	5.1-02
Marine pollutant:	NO	Labelling:	5 OXIDISING + CORROSIVE

IATA / ICAO

UN no:	2014	Class:	5.1
Packing group:	I1	Subsidiary risk:	8
Packing instructions:	Forbidden		
Labelling:	5 OXIDISING + CORROSIVE		

15. REGULATORY INFORMATION

Hazard symbols: Oxidising.
Corrosive.



Risk phrases: R8: Contact with combustible material may cause fire.
R34: Causes burns.

Safety phrases: S1/2: Keep locked up and out of the reach of children.
S3: Keep in a cool place.
S28: After contact with skin, wash immediately with plenty of ...
S36/39: Wear suitable protective clothing and eye / face protection.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.