

Kleena Coola

SAFETY DATA SHEET

Date of issue: 2/12/2005

1. Identification of the substance/preparation and of the company/undertaking

Identification of the product

SANI CLEAN

ID No.: 1012700

Product name: **Hydrogen peroxide solution about 6% w/v GPR**

Use of the substance/preparation: General chemical reagent

Supplier identification

Company: Kleena Coola Ltd.
Unit 14A
Weston Industrial Estate
Honeybourne Worcs. WR11 7QB
Emergency telephone No.: 01386 840008

2. Composition/information on ingredients

Chemical characterization

Solution in water

Product name: Hydrogen peroxide solution 6%

EC-No.: 231-765-0

Molecular formula: $H_2O_2 = 34.01 \text{ g/mol}$

3. Hazards identification

Irritating to eyes and skin.

4. First aid measures

- Eye contact: Irrigate thoroughly with water for at least 10 minutes. 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. Remove contaminated clothing and wash before re-use. Unless contact has been slight, OBTAIN MEDICAL ATTENTION.
- Ingestion: Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

5. Fire-fighting measures

Special risks:

Not applicable.

Suitable extinguishing media:

Water spray

6. Accidental release measures

Wear appropriate protective clothing.

If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise absorb on an inert absorbent, transfer to container and arrange removal by disposal company. Ventilate area to dispel residual vapour.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

7. Handling and storage

Handling:

Do not use metal equipment or containers.

Storage:

Store in a cool place (below 15°C). Keep well closed and protected from direct sunlight and moisture. Store in vented containers to permit release of internal pressure. Store away from combustible materials.

8. Exposure controls/personal protection

UK Exposure Limits:

OES, Hydrogen peroxide:

Long term: 1.4 mg/m³ (1 ppm) Short term: 2.8 mg/m³ (2 ppm)

Personal protective equipment:

As appropriate to the situation and the quantity handled.

- Respirator: Not applicable
- Ventilation: Not applicable
- Gloves: Rubber or plastic
- Eye Protection: Goggles or face-shield
- Other Precautions: Plastic apron, sleeves, boots - if handling large quantities

9. Physical and chemical properties

General information:

Form:	liquid
Colour:	colourless
Odour:	odourless

Health, safety and environmental information:

Melting temperature	n/a
Boiling temperature	n/a
Density(g/ml)	1.02
Solubility in water	Miscible in all proportions
Flash point	Not applicable
Explosion limits: lower:	Not applicable
Auto-ignition temperature	Not applicable

10. Stability and reactivity

Limited shelf-life.

Unsuitable working materials: various metals.

Substances to be avoided

alkali metals, alkali salts, alkali hydroxides, alkaline earth metals, metals, metals in powder form, metallic oxides, metallic salts, nonmetals, nonmetallic oxides, aldehydes, alcohols, amines, ammonia, carbon, hydrazine and derivatives, hydrides, combustible substances, ethers, acids, anhydrides, oxidizing agents, organic substances, peroxy compounds, impurities/dust, Potassium permanganate, organic solvents, organic nitro compounds, brass.

11. Toxicological information

- After inhalation: May irritate.
- After skin contact: Irritation.
- After eye contact: Irritation.

After ingestion of large amounts: nausea, vomiting. Risk of perforation in the oesophagus and stomach.

Further data

No data

We have no evidence of carcinogenic effects. We have no evidence of mutagenic or teratogenic effects.

12. Ecological information

A harmful effect on aquatic organisms cannot be excluded in the event of improper handling or disposal.

13. Disposal considerations

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

14. Transport information

Not subject to transport regulations.

15. Regulatory information

Labelling according to EC directives

Symbol: Xi Irritant.

R-phrases: R36/38
Irritating to eyes and skin.

S-phrases: S3-28D-36/39-45
Keep in a cool place. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

EC-No.: 231-765-0

Local Regulations

Within the UK, the use of this material must be assessed under the Control of Substances Hazardous to Health (COSHH) regulations.