

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Print Date 01.10.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name : Hydrogen peroxide 6% solution

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.3 Details of the supplier of the safety data sheet

Company : Vet-Way Ltd,
1 Harrier court
Airfield Business Park
Elvington
York
YO41 4EA
UNITED KINGDOM

Telephone : +44 (0)1904 607600

Fax : +44 (0)1904 607601

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification under CHIP: Xi: R36

Classification under CLP: Eye. Irrit. 2: H319

Most important adverse effects: Irritating to eyes.

2.2 Label elements

Label elements under CLP:

Hazard statement(s)

H319: Causes serious eye irritation

Signal words: Warning

Hazard Pictograms

GHS07: Exclamation mark



Precautionary statement(s)

P264: Wash skin thoroughly after handling
 P280 Wear protective gloves/ eye protection/ face protection.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical advice/attention

Supplemental Hazard Statements none

Label elements under CHIP:

Hazard symbol(s) Irritant



R-phrases)
 R36 Irritating to eyes

2.3 Other hazards - PBT: This product is not indentified as a PBT/vPvB substance**SECTION 3: Composition/information on ingredients****Hazardous ingredients (CLP Classification)**

Component	Classification	Concentration
Hydrogen peroxide		
CAS-No. 7722-84-1 EC-No. 231-765-0	Ox. Liq. 1; Acute Tox. 4; Skin Corr. 1A; H271, H302 + H332, H314	1-10 %

Hazardous ingredients (CHIP Classification)

Component	Classification	Concentration
Hydrogen peroxide		
CAS-No. 7722-84-1 EC-No. 231-765-0	R5; O: R8; Xn: R20/22; C:R35	1-10 %

Non-hazardous ingredients:

Water (CAS: 7732-18-5) >90%

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

SECTION 4: First aid measures**4.1 Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

Remove casualty from exposure ensuring ones own safety whilst doing so. If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

In case of eye contact

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

If swallowed

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Causes burns.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Delayed/immediate effects: Immediate effects can be experienced after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Firefighting measures**5.1 Extinguishing media Suitable****extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. Use water spray to cool containers

5.2 Special hazards arising from the substance or mixture**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary. Wear protective clothing to prevent contact with skin and eyes.

5.4 Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid direct contact with substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place, well ventilated area. Keep container tightly closed. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage temperature: -20 °C Light sensitive

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Hydrogen Peroxide Workplace Exposure Limits

8 Hour TWA (1.4mg/m3)

15 min STEL (2.8mg/m3)

8.2 Exposure controls

Appropriate engineering controls

Ensure there is sufficient ventilation of the area.

Personal protective equipment

Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with application laws and good laboratory practices. Wash and dry hands.

Skin Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Self contained breathing apparatus must be available in case of emergency

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Form: liquid, clear Colour: colourless
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9.2 Other safety information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

No data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

Zinc, Powdered metals, Iron, Copper, Nickel, Brass, iron salts.

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information**Hazardous ingredients**

ORL	MUS	LD50	2	mg/kg
ORL	RAT	LD50	376	mg/kg
SKN	RAT	LD50	4060	mg/kg

Effect: Irritation, Route: OPT; Basis - Hazardous: calculated

Skin contact

There may be irritation and redness at the site of contact

Eye contact

There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Causes burns.

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest. Material is extremely destructive to the tissue of the mucous membrane and upper respiratory tract.

Delayed/immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information**12.1 Toxicity**

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

No data available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

NB The users attention is drawn to possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

Transport class: This product does not require a classification for transport.

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

SECTION 16: Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Full text of H-Statements referred to under sections 2 and 3.

H271	May cause fire or explosion; strong oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H319	Causes serious eye irritation
H332	Harmful if inhaled
R 5	Heating may cause an explosion.
R 8	Contact with combustible material may cause fire.
R20/22	Harmful by inhalation and if swallowed.
R35	Causes severe burns.
R36	Irritating to eyes

Further information

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.
