

ShoeHype 5 %

Prepared: 2022-05-02

Version number: 1

Revised: -

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**Section 1: Name of substance/mixture and company****1.1 PRODUCT NAME**

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**Content**

600 ml

**1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND APPLICATION  
DISCLAIMED**

Surface disinfection. Biocidal product type 2

**1.3 DETAILS OF THE PROVIDER OF THE SAFETY DATA SHEET****Supplier:** Shoehype AB**Address:** Smedsgrand 7, 753 20 UPPSALA**Telephone:** +46 709-28 11 30**E-mail:** [info@getshoehype.com](mailto:info@getshoehype.com)**Website:** [www.getshoehype.com](http://www.getshoehype.com)**1.4 EMERGENCY TELEPHONE NUMBERS**

Poison information center 112 (emergency), +46 10-456 67 00 (office hours)

**SECTION 2: DANGEROUS CHARACTERISTICS****2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE (1272/2008/EC):** EUH210 (Safety data sheet is available to require)**CLASSIFICATION OF SUBSTANCE ACCORDING TO CLP (REGULATION 1272/2008/EC):** The product is not hazardous to health-, environment-, or flammable and does not contain substances, which, in the form or concentration, entails a duty to label in accordance with current regulations.**2.2** According to CLP, must be marked with the text: "Safety data sheets are available for request."**2.3 OTHER DANGERS**

The product does not meet the criteria for PBT (persistent / bioaccumulative / toxic substances) or vPvB (very persistent / very bioaccumulative substances).

**SECTION 3: Composition/information on ingredients****3.2 Mixtures****COMPOSITION ACCORDING TO (REGULATION 1272/2008/EC)**

Chemical name	EG-nr	Reg nr	CAS-nr	Conc.	Pictogram	Hazard statement*	Category
Hydrogen Peroxide**	231-765-0	01-2119485845-22	7722-84-1	<5 %	GHS03 GHS05 GHS07 Fara	H271 H332 H302 H314 H335	Ox. Liq. 1 Acute Tox. 4 Acute Tox. 4 Skin Corr 1A STOT SE 3

\* See section 16 for hazard statements in full

\*\* Substance with Swedish hygiene limit value, see section 8 and also note B.

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES****GENERAL RECOMMENDATION**

Keep the person warm and calm.. Never give anything to eat or drink to an unconscious person. In case of any uncertainty or if any symptoms persist, consult a doctor. Present this SDS to the physician.

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**INHALATION**

Seek fresh air, provide respiratory assistance if needed. Contact a doctor if the product is suspected to have entered the lungs.

**CONTACT WITH THE SKIN**

Wash skin with water and soap.

**SPRAY IN EYES**

Keep the eyelids wide apart and rinse with a soft jet of tepid water or eye wash for at least five minutes. Remove any contact lenses. Contact a doctor if any symptoms persist.

**CONSUMPTION**

Rinse mouth with water. Provide some water or milk to drink if the person is conscious.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

Not expected to have any harmful effects

**4.3 INDICATION OF IMMEDIATE MEDICAL TREATMENT AND SPECIAL TREATMENT REQUIRED**

Not required.

**SECTION 5: Firefighting measures****5.1 EXTINGUISHING MEDIA**

Extinguish with carbon dioxide, powder foam or water mist. Choose method depending on what is burning in the vicinity.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OF MIXTURE**

The product is non-flammable.

**5.3 ADVICE FOR FIRE FIGHTERS**

Wear complete protective equipment for chemical fires, including breathing apparatus.

**SECTION 6: Accidental release measures****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Use prescribed protective equipment, see section 8.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Prevent greater discharge into drains or surrounding environment/waterways. Contact the emergency services for larger emissions.

**6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP**

Soak up spillage with inert absorbent e.g sand, saw dust or vermiculite. Smaller spills can be soaked up with paper or rinsed into the drain system with a lot of water. Rinse clean contaminated surface with water. The waste is placed in a closed container and disposed of as hazardous waste in accordance with Section 13.

**6.4 REFERENCE TO OTHER SECTIONS**

See sections 8 and 13 for info of protective equipment and waste disposal.

**SECTION 7: Handling and storage****7.1 PRECAUTIONS FOR SAFE HANDLING**

Use personal protective equipment, see section 8. Avoid skin and eye contact and inhalation. Wash hands with soap and water at the end of the working day.

**7.2 CONDITIONS FOR SAFE STORAGE INCLUDING ANY INCOMPATIBILITIES**

Store in a cool and dry place with good ventilation, and in a well-sealed container. Store in the original packaging..

Avoid extreme temperatures and direct sunlight.

**7.3 SPECIFIC END USE(S)**

See EWC-Code under Section 13.

**SECTION 8: Exposure controls / personal protection****8.1 CONTROL PARAMETERS**

**OCCUPATIONAL EXPOSURE LIMIT  
VALUES (AFS 2018:1)**

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**Hydrogen Peroxide**

 NGV = 1 ppm, 1,4 mg/m<sup>3</sup>

 KGV = 2 ppm, 3 mg/m<sup>3</sup>
**PNEC**
**Väteperoxid**

10 µg/L aquatic environment

4,66 mg/L micro organisms

&gt;4,66mg/L

activesludge 1,2 µg/kg

(wet weight) soil

**DNEL**

No data available.

**EXPOSURE CONTROLS**
**Respiratory protection**

Not necessary.

**HAND PROTECTION**

Not necessary.

**EYE/FACE PROTECTION**

Not necessary.

**PROTECTIVE CLOTHES**

Not necessary.

**APPROPRIATE ENVIRONMENTAL EXPOSURE CONTROL**

No food, drink or smoking at the work place. Remove all contaminated clothing. Wash hands and/or face before rest breaks and at the end of the working day. After work the skin should be cleaned and treated with lotion.

## SECTION 9: Physical and chemical properties

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Colour</b>	Colourless
<b>Odour</b>	None
<b>Density (at 20 °C)</b>	Approx 1,18 g/cm <sup>3</sup>
<b>pH (at 20 °C)</b>	Approx 2,4
<b>solubility</b>	Completely soluble in water
<b>Viscosity</b>	1,85 mPas

### 9.2 OTHER INFORMATION

#### 9.2.2 Other safety characteristics

a)	Mechanical sensitivity	Not applicable
b)	Self-accelerating polymerization temperature	Not applicable
c)	Formation of explosive mixtures of dust and air	Not applicable
d)	Acid / base reserve	Not applicable
e)	Evaporation rate	Not applicable
f)	Miscibility	Not applicable
g)	Conductivity	Not applicable
h)	Corrosion prone	Not applicable
i)	Gas group	Not applicable
j)	Redox potential	Not applicable
k)	Potential to form radicals	Not applicable
l)	Photocatalytic properties	Not applicable

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**SECTION 10: Stability and reactivity****10.1 REACTIVITY**

Stabile product when handled and stored according to recommendations.

**10.2 CHEMICAL STABILITY**

Stabile product when handled and stored according to recommendations.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

Stabile product when handled and stored according to recommendations.

**10.4 CONDITIONS TO AVOID**

Extreme temperatures.

**10.5 INCOMPATIBLE MATERIALS**

None.

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

None.

**SECTION 11: Toxicological information****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

	<b>ACUTE EFFECTS</b>	<b>CHRONIC EFFECTS</b>
<b>SKIN CONTACT</b>	-	-
<b>EYE CONTACT</b>	-	-
<b>INHALATION</b>	-	-
<b>INGESTION</b>	-	-

**ACUTE TOXICITY****TOXICOLOGICAL DATA FOR FINAL PRODUCT**

No data available.

**TOXICOLOGICAL DATA FOR INGREDIENTS****Hydrogen Peroxide**LD<sub>50</sub> Oral rats: 1518 mg/kg body mass (dangerous if swallowed) LC<sub>50</sub> Inhalation rats 4h: 2 mg/l (Dangerous if inhaled)LD<sub>50</sub> Skin rats: 3000 mg/kg body mass (not acute toxic)**IRRITATION**

None.

**CORROSIVE EFFECT**

None.

**SENSITIZATION**

None.

**REPEATED DOSE TOXICITY**

none.

**CANCEROGENITY**

None.

**MUTAGENICITY**

None.

**REPRODUCTIVE TOXICITY**

None.

**INTERACTIVE EFFECTS**

None.

**LACK OF SPECIFIC DATA**

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**SECTION 12: Ecological information****12.1 TOXICITY**

Not classified as harmful to the environment.

**ECOTOXICITY OF FINAL PRODUCT**

No data available.

**ECOTOXICITY FÖR INGÅENDE KOMPONENTER****HYDROGEN PEROXIDE**LC<sub>50</sub> Fish 96h: 16,4 mg/l Art: Pimephales promelas (harmful but see below)EC<sub>50</sub> Daphnia 48h: 2,4 mg/l Art: D. pulex (harmful but see below)IC<sub>50</sub> Alger 72h: 2,5 mg/l Art: Chlorella vulgaris (harmful but see below)Ackumulerbarhet: Log P<sub>ow</sub>: -1,5 (not bioaccumulated)

Hydrolysed rapidly in the environment (half life in fresh water 8-31h; waste water minutes-hours; sludge, a couple of seconds and is therefore expected to have low toxic effect in the environment.

Readily biodegradable

**12.2 PERSISTENCE AND DEGRADABILITY**

13 Readily biodegradable

**13.1 BIOACCUMULATION**

None.

**13.2 MOBILITY IN SOIL AND WATER**

Completely soluble in water.

**13.3 RESULTS OF PBT- AND vPvB-ASSESSMENT**

No data available.

**13.4 HORMON DISORDER PROPERTIES**

None

**13.5 OTHER ADVERSE EFFECTS**

Can give local adverse effect due to low pH.

**SUMMARY** Not classified as environmentally hazardous product. Completely soluble in water.**SECTION 13: Disposal considerations****DISPOSAL OF EXCESS / UNUSED PRODUCTS**

According to SFS 2011:927 unused product is not hazardous.

Suggestion for EWC-codes:

07 06 01 – Other organic solvents, washing liquids.

**WASTE**

Not hazardous.

**METHOD FOR HANDLING WASTE**

Not hazardous waste. Handled in accordance with national and local regulations.

**CONTAMINATED PACKAGING**

Contaminated packaging is not hazardous and should be handled in accordance with national and local regulations.

**SECTION 14: Transport information**

NOT classified as hazardous good according to ADR/RID/IMO/DGR.

**14.1 ENVIRONMENTAL HAZARDS**

None.

**14.2 SPECIAL PRECAUTIONS**

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**14.3 TRANSPORT IN BULK ACCORDING TO II OF MARPOL 73/78 OCH IBC-CODE**

Not relevant since the product is not hazardous waste.

**SECTION 15: Regulatory information****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Safety Data Sheet and classification according to CLP (regulation 1272/2008/EC and regulation 878/2020/EC, REACH appendix II).

AFS 2018:1 Hygien limits

SFS 2011:927 Waste regulations

**15.2 CHEMICAL SAFETY EVALUATION**

16 A chemical safety assessment according to REACH has not been carried out for the product

**SECTION 16: Additional information****HAZARD STATEMENTS REFERRED TO IN SECTION 3**

H271 – May cause fire or explosion, strong oxidizer.

H302 – Harmful if swallowed.

H314 – causes severe skin burns and eye damage.

H332 – hazardous when inhaled.

H335 – May cause irritation when inhaled.

**EXPLANATIONS OF ABBREVIATIONS****REFERENCE TO LITERATURE AND SOURCE SOURCES**

See (KSU) for sources.

**Changes when revised**

Version 1 (2021-03-16): Base document.

**Other**

This information is a complement to other information. The user must decide for himself whether the information is sufficient. Shoehype AB is responsible for product safety and facts. The safety data sheet has been prepared with the participation of Amasis Konsult AB, Solna, Sweden.