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Helmet Clothing Sanitizer 250ml

Art.: 500109

Safety Data Sheet according to EC-Regulation 91/155/EEC

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

Identification of the substance or preparation

Helmet Clothing Sanitizer 250ml**Art.: 500109**

Use of the substance/preparation

Refer to description of material or preparation.

Company/undertaking identification

Würth UK Ltd 1 Centurion Way, Erith, UK-DA18 4AE Kent

Telephone 020 8319 6000, Fax 020 8319 6400

Distributor: see point 16 of this EC safety data sheet

Emergency telephone / Office for advice

Advisory office in case of poisoning:

Tel.: +49 30 / 19240 Berlin

Telephone number of the company in case of emergencies:

Tel. 020 8319 6000 (08-00 h - 18-00 h)

2. Composition/information on ingredients

2.1 Chemical name	content %	symbol	R-phrases	EINECS, ELINCS
Propan-1-ol	15 - 30	F/Xi	11-41-67	200-746-9
For complete wording of the R-phrases, refer to point 16.				

3. Hazards identification

3.1 To people

See point 11 and 15.

Preparation is classified as hazardous in the sense of directive 1999/45/EC.

Product is flammable

Risk of serious damage to eyes.

Vapours may cause drowsiness and dizziness

3.2 To the environment

See point 12.

4. First aid measures

4.1 Inhalation

Remove person from danger area.

Supply person with fresh air and consult doctor according to symptoms.

4.2 Eye contact

Wash thoroughly for several minutes using copious water - call doctor immediately, have Data Sheet available.

4.3 Skin contact

Wash thoroughly with soap and copious water - remove contaminated clothing immediately. If skin irritation occurs (redness etc.), consult doctor.

4.4 Ingestion

Rinse the mouth thoroughly with water.

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Give copious water to drink - consult doctor immediately.

4.5 Special resources necessary for first aid

n.c.

5. Fire-fighting measures**5.1 Suitable extinguishing media**Water jet spray / foam / CO₂ / dry extinguisher

Cool container at risk with water.

5.2 Extinguishing media which must not be used for safety reasons

High volume water jet

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

In case of fire the following can develop:

Oxides of carbon

Explosive vapour/air mixture

5.4 Special protective equipment for fire-fighters

Protective respirator with independent air supply

According to size of fire

Full protection, if necessary

5.5 Further information

Dispose of contaminated extinction water according to official regulations.

6. Accidental release measures

Refer to point 13. and for personal protection refer to point 8.

6.1 Personal precautions

Remove possible causes of ignition - do not smoke.

Ensure sufficient supply of air.

Avoid inhalation, and contact with eyes or skin.

If applicable, caution - risk of slipping.

6.2 Environmental measures

If leakage occurs, dam up.

Prevent surface and ground-water infiltration, as well as ground penetration.

Prevent from entering drainage system.

6.3 Methods for cleaning up

Collect using absorbant material (e.g. Universal binding medium), and dispose of according to point 13.

Use no flammable substances.

7. Handling and storage**7.1 Handling****Tips for safe handling:**

See point 6.1

Ensure good ventilation.

Keep away from sources of ignition - Do not smoke.

Take measures against electrostatic charging, if appropriate.

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Wash hands before breaks and at end of work.

Observe directions on label and instructions for use.

Use working methods according to operating instructions.

7.2. Storage**Requirements for storage rooms and containers:**

Observe special storage conditions (in Germany, e.g., in accordance with the regulations in the "Betriebssicherheitsverordnung").

Store products only unopened, in original packing.

Not to be stored in gangways or stair wells.

Do not store with flammable or self-igniting materials.

Solvent resistant floor

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Special storage conditions:

See point 10.2
 Store cool
 Store in a well ventilated place.

8. Exposure controls/personal protection

Chemical Name	Propan-1-ol		
WEL-TWA: 200 ppm (500 mg/m ³)	WEL-STEL: 250 ppm (625 mg/m ³)	---	
BMGV: ---	Other information: Sk		
Chemical Name	Propan-1-ol		
WEL-TWA: 200 ppm (500 mg/m ³)	WEL-STEL: 250 ppm (625 mg/m ³)	---	
BMGV: ---	Other information: Sk		
Chemical Name	Ethanol		
WEL-TWA: 1000 ppm (1920 mg/m ³)	WEL-STEL: ---	---	
BMGV: ---	Other information: ---		
Chemical Name	Ethanol		
WEL-TWA: 1000 ppm (1920 mg/m ³)	WEL-STEL: ---	---	
BMGV: ---	Other information: ---		

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

OELV-8h = Occupational Exposure Limit Value (8-hour reference period) | OELV-15min = Occupational Exposure Limit Value (15-minute reference period) | BLV = Biological limit value | Other information: C1, C2 = carcinogenic substance, Cat. 1 or 2. Mut 1, 2 = mutagenic substance, Cat. 1 or 2. Repro 1, 2 = Substances known to be toxic for reproduction, Cat. 1 or 2. Sk = can be absorbed through skin. Asphyx = asphyxiant. Sen = Respiratory sensitizer.
 ** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

Respiratory protection:

If OES or MEL is exceeded.

Gas mask filter A (EN 141)

Hand protection:

Solvent resistant protective gloves (EN 374).

If applicable

Protective nitrile gloves (EN 374)

Protective hand cream recommended.

Eye protection:

Tight fitting protective goggles with side protection (EN 166).

If applicable

Face protection (EN 344)

Skin protection:

Protective working garments (e.g. safety shoes EN 344, long-sleeved protective working garments)

Additional information on hand protection - No tests have been performed.

Selection made for preparations according to the best available knowledge and information on the ingredients.

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.

Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of preparations the resistance of glove materials cannot be calculated in advance so it has to be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

9. Physical and chemical properties

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Physical state:	Liquid
Colour:	n.av.
Odour:	Mild
pH-value undiluted:	n.av.
Boiling point/range (°C):	n.av.
Melting point/range (°C):	n.av.
Flash point (°C):	23,5 (DIN 51755)
Minimum limit of explosion:	2,1 Vol%
Maximum limit of explosion:	13,5 Vol %
Density (g/ml):	0,893 (DIN 51757)
Solubility in water:	Soluble

10. Stability and reactivity

Conditions to avoid

See point 7

Stable when handled and stored correctly.

Open flame, ignition sources

Materials to avoid

Avoid contact with strong oxidizing agents.

Hazardous decomposition products

See point 5.3

No decomposition when used as directed.

11. Toxicological information

Acute toxicity and immediate effects

Ingestion, LD50 rat oral (mg/kg):

n.av.

Inhalation, LC50 rat inhal.(mg/l/4h):

n.av.

Skin contact, LD50 rat dermal (mg/kg):

n.av.

Eye contact:

See point 15.

Delayed and chronic effects

Sensitization:

n.c.

Carcinogenicity:

n.c.

Mutagenicity:

n.c.

Reproductive toxicity:

n.c.

Narcosis:

Possible

Further information

Classification according to calculation procedure.

The following may occur:

Headaches

Dizziness

Effects/damages the central nervous system

Skin resorption

Danger of blindness

Allergic reaction

12. Ecological information

Water hazard class (Germany):

1

Self classification:

Yes (VwVwS)

Persistence and degradability:

Readily biodegradable (75%/28d) *

94% (mod. OECD-Screening-Test) **

Behaviour in sewage plants:

According to the recipe, contains no AOX.

Aquatic toxicity:

n.av.

Ecological toxicity:

n.av.

* Propan-1-ol

** Ethanol

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13. Disposal considerations

13.1. for the material / preparation / residue

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 07 04 other organic solvents, washing liquids and mother liquors

Recommendation:

Pay attention to local and national official regulations

Implement substance recycling.

E.g. suitable incineration plant.

13.2 for contaminated packing material

See point 13.1

Pay attention to local and national official regulations

Empty container completely.

Untampered packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

14. Transport information

General statements

UN-Number: 1993

Road/Rail-transport (ADR/RID)

Class/packing-group: 3/III

UN 1993 FLAMMABLE LIQUID, N.O.S. (N-PROPANOL,ETHANOL) (SPECIAL PROVISION 640E)

Classification code: F1

LQ: 7



Transport by sea

IMDG-code: 3/III (class/packing-group)

EmS: F-E, S-E

Marine Pollutant: n.a

FLAMMABLE LIQUID, N.O.S (N-PROPANOL,ETHANOL)



Transport by air

IATA: 3/-III (class/secondary danger/packing-group)

Flammable liquid, n.o.s (N-PROPANOL,ETHANOL)

Additional information:

Danger code and packing code on request.

15. Regulatory information

Classification according to Dangerous Product Regulations incl. EC Directives (67/548/EEC and 1999/45/EC)



Symbols: Xi

Indications of danger:

Irritant

R-phrases:

10 Flammable.

41 Risk of serious damage to eyes.

67 Vapours may cause drowsiness and dizziness.

S-phrases:

16 Keep away from sources of ignition - No smoking.

24 Avoid contact with skin.

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

35 This material and its container must be disposed of in a safe way.

39 Wear eye/face protection.

Additions:

Contains

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glyoxal

May produce an allergic reaction.

Observe restrictions:

Yes

Observe restrictive guidelines 76/769/EEC, 1999/51/EC, 1999/77/EC

VOC 1999/13/EC 60% w/w

16. Other information

These details refer to the product as it is delivered.

Storage class VCI (Germany):

3 A

Revised points:

2, 12

The following phrases represent the prescribed R-phrases for the ingredients (designated in point 2).

11 Highly flammable.

41 Risk of serious damage to eyes.

67 Vapours may cause drowsiness and dizziness.

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Legend:

n.a. = not applicable / n.v., k.D.v. = n.av. = not available / n.g. = n.c. = not checked

WEL = Workplace Exposure Limit EH40, TWA = Long-term exposure limit (8-hour TWA (= time weighted average) reference

period), STEL = Short-term exposure limit (15-minute reference period) / BMGV = Biological monitoring guidance value EH40

AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany) / BGW = "Biologischer Grenzwert" (biological limit value, Germany)

VbF = Regulations for flammable liquids (Austria)

WGK = water hazard class (Germany) - WGK 3 = very hazardous, WGK 2 = hazardous, WGK 1 = slightly hazardous to water

VOC = Volatile organic compounds / AOX = Adsorbable organic halogen compounds

VwVwS = Administrative Order relating to substances hazardous to water (Germany)

The statements made here should describe the product with regard to the necessary safety precautions - they are

not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

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