SDS according to Annex of Commission Regulation (EU) No 830/2015 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning REACH.

Version 1.1 Preparation date: 20 August 2021
Revision date: - .

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Trade name: **VAT Hygienische handgel**

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

Identified uses: Hand skin disinfectant gel without water. Antibacterial and antivirucidal. Product for individual and professional use

Uses advised against: None identified.

1.3 Details of the supplier of the safety data sheet

Leverancier:
VAT Cleaning Solutions
Muntstraat 2, 4903 PA, Oosterhout
Tel. +31 (0)162521287

Contact persoon: Niek van Abeelen, e-mail: info@vatgroep.nl

1.4 Telefoonnummer voor noodgevallen

- Nationaal Vergiftigingen Informatie Centrum (NVIC)
- Telefoonnummer : +31 (0)30 274 88 88 (Uitsluitend bestemd voor professionele hulpverlenersbij
- acute vergiftigingen)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation EC 1272/2008 (CLP)

Health hazards

Eye irritation, Category 2 (Eye Irrit 2) — H319: Causes serious eye irritation.

Physicochemical hazards

Flammable liquid and vapor, category 2 (Flam Liq 2) — H225: Highly flammable liquid and vapor

Environmental hazards

not classified as hazardous.

The full texts of H phrases are given in Section 16 of SDS.

2.2 Label elements

Label elements according to Regulation EC 1272/2008 (CLP)

Pictogram:



GHS 02 **GHS 07**

Signal word: Danger

Hazard statements indicating type of danger

H225 Highly flammable liquid and vapor.
H319 Causes serious eye irritation.

Precautionary statements indicating conditions of safe use

Prevention
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Response
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for a few minutes. Remove contact lenses, if present and easy to do. Continue to rinse.
Storage:
P403 + P235 - Store in a well-ventilated place. Keep in a cool place.

Additional remarks: 100 g of gel contains 70 g of propan-2-ol.

2.3. Other hazards
This mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher, and they are not included in Annex XVII of Regulation (EC) No 1907/2006.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances Not applicable.

3.2 Mixtures

Propan-2-ol
Content: 70%
CAS No .: 67-63-0
EC No: 200-661-7
Index No: 603-117-00-0
Registration number (ECHA): 01-2119457558-25-XXXX

Classification according to Regulation (EC) No. 1272/2008:
Flam. Liq. 2, Phrases H: H225; Eye Irrit. 2; H319
Signal word: Danger


GHS 02

The full texts of H phrases, hazard classes are given in Section 16 of SDS.

Ingredients according to the requirements of Regulation (EC) No. 648/2004 on detergents:
- not present in the formulation

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
General Advice: never give anything by mouth to an unconscious person.
Inhalation: go out to fresh air, calm down, protect against heat loss, consult a doctor.
Skin contact: no risk, dermatologically tested.
Eye contact: remove contact lenses, rinse immediately with plenty of water for a minimum of 15 minutes with eyelids open, consult a doctor.
Ingestion: rinse mouth with water, drink plenty of water, do not induce vomiting, seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed
Eye contact: redness, tearing, burning, irritation. Ingestion: nausea, vomiting, disorder of balance and coordination, symptoms similar to alcohol intoxication.

4.3 Indication of any immediate medical attention and special treatment needed
No specific indications.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media:
Fire extinguishing agents should be appropriate to the size of the fire and burning media.
In case of fire, you can use the following extinguishing media: dry chemical, water, foam and carbon dioxide. The product contains Ethanol, the product may keep the fire going.
Unsuitable extinguishing media: do not use strong/compact water jet

5.2 Special hazards arising from the substance or mixture
Highly flammable liquid and vapor. Tanks exposed to exposure to fire or high temperatures may explode. Protect against electrostatic discharge
Combustion can result in: carbon oxides.

5.3 Advice for firefighters
Use personal protective equipment, depending on the size of the fire and suitable for burning materials.
Dispose of fire debris and contaminated water in accordance with waste regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Use protection measures individual. For personal protection, see section 8.

6.2 Environmental precautions
No special requirements, however do not allow big quantities to enter drains spills, surface water, groundwater.

6.3 Methods and materials for containment and cleaning up
Released product sprinkle with a suitable absorbent material (sand, soil) and collect the container. Flush area with plenty of water.

6.4 Reference to other sections
Information regarding personal protective equipment specified in Section 8

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Comply with OHS rules and regulations regarding the handling of chemicals. For personal protection, see section 8. Ensure adequate ventilation. Keep away from sources high temperature and ignition sources. Avoid contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities
Product store in the original, closed packaging. Store upright to prevent spillage.
Recommended packaging: PE, HDPE, PET
Contraindicated packaging: none

7.3 Specific end use(s)
No information about the applications other than those listed in section 1

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters
Ingredients harmful to health that require monitoring at the workplace and their limits:
NDS Propan-2-ol CAS 67-63-0: 1900 mg/m^3
NDSCh, NDSP - no data available

8.2 Exposure controls
8.2.1 Appropriate engineering controls
Ensure good ventilation of the rooms.
Wash hands before each break and after finishing work,
Do not eat, drink or smoke in the workplace

8.2.2 Individual protection measures, such as personal protective equipment
Handle in accordance with good hygiene practice when handling chemicals.

Eye/face protection: not required.
Skin protection - hand protection: not required.
Skin protection: not required.
Respiratory protection: not required.

8.2.3 Environmental exposure controls
No special requirements.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
a) Appearance: thick clear liquid.
b) Odor: characteristic.
c) Odor threshold: no data available.
d) pH-value (temp. 25°C): 5,5 – 6,5.
e) Melting / freezing point: no data available.
f) Initial boiling point and boiling range: no data available.
g) Flash point: not applicable.
h) Evaporation rate: no data available.
i) Flammability: mixture is non-flammable.
j) Upper / lower flammability or upper / lower explosive limit: for propan-2-ol: upper 12% / bottom 2%.
k) Vapour pressure [hPa]: no data available.
l) Vapour density: no data available.
m) Density, temp. 20°C: 0.90 g/cm^3
n) Water solubility: completely miscible.
o) Partition coefficient: n-octanol/water: no data available.
p) Autoignition temperature: not applicable.
q) Decomposition temperature: no data available.
r) Viscosity [mPa s], temp. 20˚C: no data available.
s) Explosive properties: not applicable.
t) Oxidising properties: no oxidizing properties expected.

9.2 Other Information
No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
Under conditions of storage and use as intended - no reactivity.

10.2 Chemical stability
Product is stable under the typical use and storage conditions.

10.3 Possibility of hazardous reactions
Under normal conditions of use, hazardous reactions do not occur.

10.4 Conditions to avoid
No data available. See also section 7.

10.5 Incompatible materials
No dangerous reactions are known with other materials.

10.6 Hazardous decomposition products
Carbon monoxide may form in conditions of fire and high temperature.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1.1 Information on toxicological effects

Data on the components:

Propan-2-ol

Acute toxicity:
LD_{50} (oral, rat) 5840 mg/kg (OECD 401)
LC_{50} (inhalation, rat) > 10 mg/L 4 h (OECD 403)

Acute toxicity:
Based on available data, the classification criteria are not met.
eyes - irritating effect
skin - no harmful effects, dermatologically tested
digestive system - if ingested, may be irritating
respiratory system - no harmful effects
Mutagenicity: no mutagenic components of the mixture
Carcinogenic effects: No components of the carcinogenic mixture
Teratogenic effects: no teratogenic mixture components
Symptoms of chronic poisoning: unknown

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Toxicity to the environment: Based on the available data, the classification criteria are not met.
Toxicity to the environment: no data available for the preparation

Propan-2-ol:
LC_{50} = 8970-9280 mg / l - 48h (fish: Leuciscus idus melanotus).
EC_{50} = 9715 mg / l - 24h (crustaceans: Daphnia magna).
EC_{50} = 1800 mg / l - 192h (aquatic plants, algae: Scenedesmus quadricauda).

12.2 Persistence and degradability
Biodegradability: Propan-2-ol is easily biodegradable. BOD = 95%.

12.3 Bioaccumulative potential
Not expected to have bioaccumulative potential.
It contains no AOX.
Bioconcentration factor (BCF): no data available

12.4 Mobility in soil
No data available.

12.5 Results of PBT and vPvB assessment
The mixture does not meet the criteria for PBT and vPvB.

12.6 Other adverse effects
No other available information.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Comply with the provisions of the Waste Act and the Act on packaging and packaging waste.
Classification of waste in accordance with the Decree on the catalog of waste (OJ no. 112, item 1206, 2001 - Polish Law).
Waste Code:
07 06: Wastes from the manufacture, formulation, supply and use of fats, grease, soaps, detergents, disinfectants and cosmetics.
07 06 99: wastes not otherwise specified.
Dispose according to local regulations.

SECTION 14: TRANSPORT INFORMATION

Transport by road (ADR/RID)

14.1 UN number: UN 1987.
14.2 UN proper shipping name: alcohols i.n.o. (Propan-2-ol).
14.3 Transport hazard class(es): 3.
14.4 Packing group: II
14.5 Environmental hazards: The mixture does not pose a threat to the environment according to transport regulations.
14.6 Special precautions for users: Keep away from sources of ignition.
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:
not applicable.

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No **1272/2008** of 16 December 2008. on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ EU No L 353 of 31 December 2008) (CLP).
- Regulation (EC) No **648/2004** of 31 March 2004 on detergents, Acts. EU Laws, 104/1, 04.08.2004.
- Regulation (EC) No **907/2006** of 20 June 2006 amending Regulation EC No 648/2004 on detergents, in order to adapt Annexes III and VII, Coll. Journal EU L No 168 of 21 June 2006
- Regulation (EC) **1907/2006** of 18 December 2006 on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing European Chemicals Agency, amending Directive 1999/45/EC and repealing Regulation (EEC) No 793/93 and Regulation (EC) No 1488/94 as well as Directive 76/769/EEC and Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC (OJ EU L 396 of 30 December 2006, as amended).
- COMMISSION REGULATION (EU) **2015/830** of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (OJ EU L 132 of 29 May 2015)

Polish legislation:
- The Act of 25 February 2011. on chemical substances and their mixtures (Journal of Laws (PL) No. 63 of 25 February 2011).

15.2 Chemical Safety Assessment
Has not been made.

SECTION 16: OTHER INFORMATION

H-phrases (indicating type of hazard) and hazard class used in Sections 2 and 3 of Veiligheidsinformatieblad:
- **H225** Highly flammable liquid and vapor.
- **H319** Causes serious eye irritation.

Eye Irrit. 2: eye irritation, exposure category 2
Flam Liq.2: flammable liquid, exposure category 2

The necessary training.
All persons involved in the sale and use of the product should be trained in hygiene and safe handling and use of chemical mixtures.

The information contained in this data sheet are based on literature data and Internet, raw material safety data sheets and safety data sheets of similar products. The manufacturer is not liable for any damage, loss, damage resulting from misuse of the product or omissions appropriate action.

The above information is based on current state of art and apply to product as it is used. Data concerning this product are presented in order to take into account the security requirements and not to guarantee its special properties.

This product is intended for professional use, detailed information on the use of the product is preset on the label and leaflet. Read label before use.

List of abbreviations used in this document:
ADR – European Agreement concerning the international carriage of dangerous goods by road.
AOX – Adsorbable organic halogen compounds.
BCF – Bioconcentration factor.
CAS – Chemical Abstract Service.
CLP – Classification Labelling Packaging - simplified reference to EC Regulation 1272/2008.
ECHA – European Chemical Agency
EN – European Norms.

OECD – Organisation for Economic Co-operation and Development**.**
PBT – Persistent, bioaccumulative and toxic.
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals - simplified reference to EC Regulation 1907/2006.
vPvB – Substance very persistent and very bioaccumulative.
WEL-TWA – Workplace Exposure Limit – Time Weighted Average, long term exposure limit, 8 hours reference period.
WEL-STEL – Workplace Exposure Limit – Short Term Exposure Limit, 15 minutes reference period.

Changes compared to the previous version:

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