Drafted on the basis of the EU Regulation 1907/2006 (REACH)

SAFETY DATA SHEET

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

1.1. Product

trade Name

TG - Unicare

Product number.

-

REACH registration number

Not usable

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

Relevant identified uses of the substance or mixture

Chemical for industrial purposes

Lubricants, greases and solvents. (PC 24)

Transfer of substance or chemical to small containers (dedicated line for filling, including weighing).

(PROC 9)

Formulation [blend] of chemical products and / or repackaging (other than alloys) (SU 10)

Chemical product formulation (ERC2)

Other Articles with Intended Substance Release (Specified) (AC30)

Uses advised against

-

The full wording of any. The identified use categories are listed in point 16.

1.3. Details of the supplier of the safety data sheet

Company name and address

TG-Clean ApS

Værkstedsvej 24A

DK-4600 Køge

Tel: +45 4390 8400

Contact person

Thomas Gadegaard

Email

tg@tg-clean.dk

SDS prepared it 19-11-2015 SDS Version 2.0

1.4. Emergency

Contact the Gift Line at tel .: 82 12 12 12 (open 24 hours a day). See section 4 on first aid

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Aerosol 1; H229

Aerosol 1; H222

Eye Irrit. 2; H319

STOT SE 3; H336

The full text of the H-phrases is found in section 2.2.

2.2. Label elements

Hazard pictograms

Signal

Danger

Risk etc.

Pressurized container. Can be blown up by heating. (H229)

Extremely flammable aerosol. (H222)

Causes serious eye irritation. (H319)

May cause drowsiness or dizziness. (H336)

Security

General If medical attention is needed, bring the container or label.

(P101).

Keep out of reach of children. (P102).

Prevention Keep away from heat, hot surfaces, sparks, open flames and others

ignition sources. No smoking. (P210).

Reaction IF IN EYES: Rinse cautiously with water for several minutes.

Remove any contact lenses if this can be done easily. Keep rinsing.

(P305 + P351 + P338).

Storage Protect from sunlight. Do not expose to a temperature that exceeds

50 ° C / 122 ° F. (P410 + P412).

Disposal The contents / container is disposed of in accordance with local requirements

waste regulations. (P501).

Compulsory information

naphtha (petroleum), hydrogen-treated heavy Benzene content <0.1%

2.3. Other hazards

The product contains organic solvent. Repeated exposure of organic solvents may

cause damage to the nervous system and internal organs such as the liver, kidneys.

Other labeling

-

Other things

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VOC

SECTION 3: Composition / information on ingredients

3.1 / 3.2. Substances / Mixtures

NAME: naphtha (petroleum), hydrogen treated heavy Benzene content <0.1%

IDENTIFICATION NUMBERS: CAS No: 64742-48-9

EC No: 265-150-3

Index No: 649-327-00-6

CONTENTS: 40-60%

CLP CLASSIFICATION: Flame. Liq. 3, STOT SE 3, Asp. Tox. 1 H226, H304, H336, EUH066

NAME: Ethanol 99.9%

IDENTIFICATION NUMBERS: CAS No: 64-17-5

EC No: 200-578-6

Index No: 603-002-00-5

CONTENTS: 5-10%

CLP CLASSIFICATION: Flame. Liq. 2, Eye Irrit. 2 H225, H319

NOTE: S

NAME: propan-2-ol

IDENTIFICATION NUMBERS: CAS No: 67-63-0

EC No: 200-661-7

Index No: 603-117-00-0

CONTENTS: 3-5%

CLP CLASSIFICATION: Flame. Liq. 2, Eye Irrit. 2, STOT SE 3 H225, H319, H336

NOTE: S

NAME: carbon dioxide

IDENTIFICATION NUMBERS: CAS No: 124-38-9

EC No: 204-696-9

CONTENTS: 3-5%

CLP CLASSIFICATION: Comp. Gas H280 (*) The full text of the H-phrases can be found in point 16. Occupational exposure limits are mentioned in point 8, if available. S = Organic solvent. Other information Eye Cat. 2 Sum = Sum (Ci / S (G) CLi) => 1 - 0

SECTION 4: First aid measures

4.1. Description of first aid measures In general In case of accident: Contact a doctor or emergency room - bring the label or this safety data sheet. The doctor can contact the Occupational and Environmental Medicine Clinic, Bispebjerg Hospital, tel. 35 31 60 60. At If symptoms persist or if in doubt about the condition of the injured person, seek medical attention. Never give an unconscious person water or the like. inhalation Bring the person out into the fresh air and keep the person under control. Skin Contaminated clothing and shoes are immediately removed. Skin that has been in contact with the material is thoroughly washed with water and soap. Skin cleanser can be used. Do NOT use solvents or thinners. eye Contact Remove any contact lenses. Rinse immediately with water (20-30 ° C) for at least 15 minutes. Seek medical advice. Ingestion Give the person plenty to drink and the person under supervision. If you feel sick: Contact your doctor immediately bring this safety data sheet or label from the product. Do not induce vomiting unless directed to do so by your doctor. Lower your head so that if necessary. vomit will not running back into the mouth and throat. Incineration Rinse with copious amounts of water until the pain subsides and then continue for 30 minutes.
4.2. Main symptoms and effects, both acute and delayed Neurotoxic effects: The product contains solvent which may have an effect on the nervous system. Symptoms of neurotoxicity may be; loss of appetite, headache, dizziness, rushing of the ears, tingling feelings in the skin, coldness, cramps, difficulty concentrating, fatigue, etc. Repeated exposure to solvents can cause the natural fat layer of the skin to break down. The skin will then be more exposed to the uptake of harmful substances such as allergens. Irritative effects: The product contains substances which are irritating to the skin or eye contact or inhalation. Contact with irritants may result in more exposure to the contact area absorption of harmful substances such as allergens.
4.3. Indication of any immediate medical attention and special treatment needed No special Information to the doctor Please bring this safety data sheet.

SECTION 5: Firefighting

5.1. extinguishing Recommended: alcohol resistant foam, carbon dioxide, powders, water mist. Water jet should not be used as it can spread the fire.

5.2. Special hazards arising from the substance or mixture If the product is exposed to high temperatures, eg in the event of a fire, dangerous can form degradation products. These are: Carbon oxides. Fire will produce dense black smoke. Exposure to Degradation products can pose a health hazard. Firefighters should use appropriate protective equipment. Cool closed containers exposed to fire with water. Do not allow fire extinguishing water to escape sewers and streams.

5.3. Directions for firefighting Normal workwear and full respirator protection. By direct contact with the chemical can contact the chemical emergency response officer on telephone 45 90 60 00 (open 24 hours a day), with for further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, personal protective equipment and emergency procedures

Avoid breathing vapors from spilled material. Uninsured storage is cooled with water mist. Remove if possible combustible materials. Provide adequate ventilation.

6.2. Environmental precautions

No special requirements.

6.3. Methods and equipment for containment and purification

Use sand, cat grit, sawdust or universal binder to collect liquids. Cleaning is done for

as far as possible with detergents. Solvents should be avoided.

6.4. Reference to other points

See the "Disposal Conditions" section on waste management. See the section on

"Exposure controls / personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

See section "Exposure controls / personal protection" for personal protection information.

7.2. Conditions for safe storage, including any incompatibilities

Always store in containers of the same material as the original. Store in a cool, well-ventilated place

area away from possible sources of ignition.

Be aware that this is a peroxide forming chemical. The peroxide content must be checked

regularly after opening / opening, e.g. every 6 months.

Storage temperature

No data available

7.3. Specific uses

The product should only be used for applications described in 1.2

SECTION 8: Exposure controls / personal protection

8.1. control parameters limits

carbon dioxide (AT, (<1994)) Threshold: 5000 ppm | 9000 mg / m3 Note: E (E = Substance has a Community limit

value.)

propan-2-ol (AT, 2005) Limit value: 200 ppm | 490 mg / m3

Ethanol 99.9% (AT, <1994) Limit value: 1000 ppm | 1900 mg / m3

naphtha (petroleum), hydrogen-treated heavy Benzene content <0.1% Limit value: 197 ppm | - mg / m3

DNEL / PNEC

8.2. exposure controls Compliance with the stated limit values should be checked regularly. See possibly At-guidance D.7.1, May 2001

General precautions Exercise common industrial hygiene. exposure scenarios If there is an attachment to this safety data sheet, they must be listed here in the exposure scenarios followed. exposure limit Business users are covered by the rules on occupational health and safety regulations on maximum concentrations for exposure. See occupational hygiene limits above. Technical measures Airborne gas and dust concentrations must be kept as low as possible and below the relevant limit values. (see above). Use if necessary. point extraction if ordinary air flow in the work room is not enough. Provide visible signage of eye wash and emergency shower. Hygiene measures At each break in use of the product and at the end of work exposed areas of the body Wash. Always wash hands, forearms and face.

Environmental exposure controls No special requirements.

Personal protective equipment

In general Use only CE marked protective equipment. The airways If ventilation at the workplace is not sufficient, use half or full mask with suitable filter or air-supplied respirators. The choice depends on the specific work situation and

the duration of the work with the product. Skin and body Special work clothes should be worn. Hands Recommended:

Nitrile rubber. : NA Eyes Wear glasses with side shields.

SECTION 9: Physico-chemical properties

9.1. Information on basic physical and chemical properties

Physical state Color Odor pH Viscosity Density

(G / cm3)

Aerosol Colorless Characteristic - - -

Condition change and fumes

Melting point (° C) Boiling point (° C) Vapor pressure (mm Hg)

- - -

Fire and explosion hazard data

Flash point (° C) Flammability (° C) Self-ignition (° C)

42 - -

Explosion limits (Vol%) Oxidizing properties

- -

Solubility

Solubility in water n-octanol / water coefficient

Insoluble -

9.2. Other information

Solubility in fat Other

- N / A

SECTION 10: Stability and reactivity

10.1. reactivity

No data

10.2. Chemical stability

The product is stable under the conditions specified in the section "Handling and storage".

10.3. Risk of hazardous reactions

No special

10.4. Conditions to avoid

Avoid static electricity.

10.5. Materials to avoid

Strong acids, strong bases, strong oxidizing agents and strong reducing agents

10.6. Hazardous decomposition products

The product is not degraded when used for applications listed in section 1.

SECTION 11: Toxicological information

11.1. Information on toxicological effects Acute toxicity Substance Art Test Route of Exposure Result propan-2-ol Rabbit LD50 Dermalt> 2000 mg / kg Drafted on the basis of the EU Regulation 1907/2006 (REACH) TG - Unicare 6/8 propan-2-ol propan-2-ol propan-2-ol Ethanol 99.9% Ethanol 99.9% Ethanol 99.9% naphtha (petroleum), hydrogen ... naphtha (petroleum), hydrogen ... naphtha (petroleum), hydrogen ... Rat Rat Rat Rat Rabbit Rat Rat Rat Rat LD50 LC50 LC50 LD50 LD50 LC50 LD50 LC50 LD50 Oral inhalation inhalation Oral dermal inhalation Oral inhalation dermal 5840 mg / kg 66.1mg / l 4 h 47.5mg / l 8 h 10470 mg / kg > 17100 mg / kg 124.7 mg / l > 5000mg / kg > 5 mg / L > 5000mg / kg Skin corrosion / irritation No data available Serious eye damage / eye irritation Causes serious eye irritation.

Respiratory or skin sensitization No data available Germ cell No data available Carcinogenic properties No data available Reproductive No data available Simple STOT exposure May cause drowsiness or dizziness. Repeated STOT exposures No data available Aspiration No data available long term effects Neurotoxic effects: The product contains solvent which may have an effect on the nervous system. Symptoms of neurotoxicity may be; loss of appetite, headaches, dizziness, ringing in the ears, tingling sensations in the skin, coldness, cramps, difficulty concentrating, fatigue, etc. Repeated exposure to solvents can cause the natural fat layer of the skin to break down. The skin will then be more exposed absorption of harmful substances such as allergens. Irritative effects: The product contains substances which are irritating to the skin or eye contact or inhalation. Contact with irritants may result in the contact area becoming more exposed to absorption harmful substances such as allergens.

SECTION 12: Ecological information

12.1. Toksicitet Substans Art Test Testens varighed Resultat propan-2-ol propan-2-ol propan-2-ol propan-2-ol propan-2-ol Ethanol 99,9% Ethanol 99,9% Ethanol 99,9% Ethanol 99,9% Ethanol 99,9% naphtha (råolie), hydrogenbeha... naphtha (råolie), hydrogenbeha... naphtha (råolie), hydrogenbeha... Alger Fisk Dafnier Krebsdyr Krebsdyr Fisk Fisk Dafnier Alger Krebsdyr Dafnier Fisk Alger NOEC LC50 EC50 EC10 EC50 LC50 LC50 EC50 EC0 EC0 EC50 LC50 EC50 8d 96 h 24 h 18 h 48 h 96h 48 h 168 h 16 h 48 h 96 h >1800 mg/l 8970-9280 mg/l 9714 mg/l 5175 mg/l >1000mg/l 8150 mg/l 1100 mg/l 9268-14221 mg/l 5000 mg/l 6500 mg/l 1000mg/L >1000 mg/l >1000mg/l

12.2. Persistens og nedbrydelighed Substans Nedbrydelighed i vandmiljøet Test Resultat propan-2-ol Ethanol 99,9% naphtha (råolie), hydrogenbeha... Ja Ja Ja Modified OECD Screening Test Ingen data Ingen data 95% Ingen data Ingen data

12.3. Bioakkumuleringspotentiale Substans Potentiel bioakkumulerbar LogPow BCF propan-2-ol Ethanol 99,9% Nej Nej Ingen data Ingen data Ingen data Ingen data

12.4. Mobility in soil

No data

12.5. Results of PBT and vPvB assessment

No data

12.6. Other adverse effects

No special

SECTION 13: Disposal considerations

13.1. Waste treatment methods

The product is subject to the regulations on hazardous waste.

Trash

EAK Code Chemical Waste Group:

-

Special labeling

-

Contaminated packaging

Packaging containing residues of the product is disposed of under the same conditions as the product.

SECTION 14: Transport information

The product is covered by the Dangerous Goods Conventions.

14.1 - 14.4

ADR / RID

14.1. UN number 1950

14.2. UN shipment designation AEROSOLS, suffocating

14.3. Transport hazard class (s) 2.1

14.4. Packaging group -

Notes -

Tunnel Code -

IMDG

UN-no. 1950

Proper Shipping Name Aerosols

Class 2.1

PG * -

EmS F-D, S-U

MP ** NO

Hazardous constituent -

IATA / ICAO

UN-no.

Proper Shipping Name

Class

PG *

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Bulk transport in accordance with Annex II of MARPOL 73/78 and the IBC Code

No data

(*) Packing group

(**) Marine pollutant

SECTION 15: Regulatory information

15.1. Special provisions / specific legislation on the substance or mixture with regard to safety,

health and environment

Restrictions

The product must not be used commercially by young people under 18 years of age. See Executive Order no.

239 of 6 April 2005 on young people's work exceptions.

Special education requirements

-

Other things

-

sources

The Danish Working Environment Authority's Executive Order 239 of 6 April 2005 on young people's work. Based on

the Council Directive

94/33 / EC of 22 June 1994 on the protection of young people at work.

COUNCIL DIRECTIVE of 20 May 1975 on the approximation of the laws of the Member States relating to aerosols.

(75/324 / EEC).

The Danish Working Environment Authority's Order on limit values for substances and materials no. 507 of 17 May 2011 with

later changes.

EU Regulation 1272/2008 (CLP).

EU Regulation 1907/2006 (REACH) with adaptations.

15.2. chemical safety

No

SECTION 16: Other information «

The full wording of H-phrases discussed in Section 3

H225 - Highly flammable liquid and vapor.

H226 - Flammable liquid and vapor.

H280 - Contains gas under pressure, can explode on heating.

H304 - May be fatal if swallowed and enters airways.

H319 - Causes serious eye irritation.

H336 - May cause drowsiness or dizziness.

EUH066 - Repeated contact may cause dry or cracked skin.

The full text of identified uses referred to in paragraph 1

PC 24 = Lubricants, grease and solvents ..

PROC 9 = Transfer of substance or chemical to small containers (dedicated line for filling, including weighing) ..

SU 10 = Formulation [blend] of chemical products and / or repackaging (other than alloys).

ERC2 = Formulation of chemical products.

AC30 = Other articles with intended substance release (specified). Other symbols mentioned in paragraph 2

Other things It is recommended to provide this safety sheet to the actual user of the product. The information mentioned cannot be used as a product specification. The information in this safety data sheet applies only to the product mentioned in section 1 and is not necessarily applicable when used with other products. Changes in relation to the last significant revision (first digit of SDS Version, see section 1) of this the safety data sheet is marked with a blue triangle. The safety data sheet is validated by KAO Date of last significant change (First digit in SDS version) 18-11-2015 Date of last minor change (Last digit in SDS version) 18-11-2015