



SAFETY DATA SHEET

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

1.1. Product trade Name

TG Gum Remover

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 Detergent (including solvent-based products). (PC35) Non-industrial spraying. (PROC

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

applications: The public domain (administration, education, entertainment, services, craftsmen) (SU 22) Chemical

product formulation (ERC2) Metal Products: (AC7) Rubber articles (AC10) Plastic Products (AC13) 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 A / S

Værkstedvej 24A

DK-4600 Køge

Tel: +45 4390 8400

Contact person

Thomas Gadegaard

Email tg@tg-clean.dk

SDS prepared it 22-12-2016 SDS Version 4.0 1.4.

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

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Aerosol 1; H222, H229

Eye Irrit. 2; H319

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

2.2. Label elements Hazard pictograms



Signal Danger Risk etc. Extremely flammable aerosol. (H222) Pressurized container. Can be blown up by heating. (H229) Causes serious eye irritation. (H319) 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). Do not puncture or burn, even after use. (P251). 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 - Compulsory information - 2.3. Other hazards - Other labeling Repeated contact may cause dry or cracked skin. (EUH066) Other things - VOC -

SECTION 3: Composition / information on ingredients

3.1 / 3.2. Substances / Mixtures

NAME: naphtha (petroleum), hydrogen treated heavy

IDENTIFICATION NUMBERS: CAS No: 64742-48-9 EC No: 918-481-9

CONTENTS: 80-95%

CLP CLASSIFICATION: Asp. Tox. 1

H304

NAME: carbon dioxide

IDENTIFICATION NUMBERS: CAS No: 124-38-9 EC No: 204-696-9

CONTENTS: 5-10%

CLP CLASSIFICATION: Refrig. Liq. Gas

H281

NOTE: L

NAME: Fatty alcohol ethoxylate

IDENTIFICATION NUMBERS: CAS No: 68439-46-3

CONTENTS: 1-3%

CLP CLASSIFICATION: Eye Dam. 1

H318

(*) The full text of the H-phrases can be found in point 16. Occupational exposure limits are mentioned in point 8, if available.

L = European limit value.

Other information

Eye Cat. 2 Sum = $\sum (C_i / S(G) CL_i) = 1.6 - 2.4$

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. 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 keep the person under watch. If you feel sick: Contact immediately consult and bring this safety data sheet or label from the product. Do not induce vomiting, unless

the doctor recommends it. Lower your head so that if necessary, vomiting will not run back into the mouth and neck.

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 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

Uninsured storage is cooled with water mist. If possible, remove combustible materials. Make sure sufficient 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

Avoid static electricity. Electrical equipment should be protected in accordance with current standards. To derive static

electricity during transfers, containers must be grounded and connected to the receiving container with a wire. Do not use spark-forming tools.

Smoking, eating and drinking are not allowed in work rooms. See the 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. Open packaging must be closed carefully and stored upright to prevent leakage. Store in a cool, well-ventilated area

away from possible sources of ignition.

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.) DNEL / PNEC No data

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 No special requirements. Skin and body Special work clothes should be worn. Hands Recommended: Nitrile rubber Eyes Wear goggles with side shields.

SECTION 9: Physico-chemical properties

9.1. Information on basic physical and chemical properties

Physical state Aerosol

Color Clear

Odor Aromatic

pH No data available

Viscosity (40 ° C) No data available

Density (g / cm³) 0.85

Condition change and fumes

Melting point (° C) No data available

Boiling point (° C) No data available

Vapor pressure No data available

Fire and explosion hazard data

Flash point (° C) 42

Flammability (° C) No data available

Auto-ignition (° C) No data available

Explosion limits (Vol%) No data available

Solubility

Solubility in water Soluble

n-octanol / water coefficient No data available

9.2. Other information

Solubility in fat (g / L) No data available

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.

PUNKT 11: Toksikologiske informations

11.1. Oplysninger om toksikologiske virkninger Akut toksicitet Substans Art Test Eksponeringsvej Resultat

Fedtalkoholethoxylat Fedtalkoholethoxylat Fedtalkoholethoxylat carbondioxid naphtha (råolie), hydrogenbeha...

naphtha (råolie), hydrogenbeha... naphtha (råolie), hydrogenbeha... Rotte Kanin Rotte Rotte Rotte Rotte LD50

LD50 LD50 LC50 LD50 LD50 LC50 Dermal Dermal Oral Inhalation Dermal Oral Inhalation 2000 mg/kg 5000 mg/kg

2700 mg/kg 470000 ppm 0,5 h >2000 mg/kg >5000 mg/kg >5000 mg/kg 4 h Hudætsning/-irritation Ingen data

tilgængelige Alvorlig øjenskade/øjenirritation Forårsager alvorlig øjenirritation. Respiratorisk sensibilisering eller

hudsensibilisering Ingen data tilgængelige Kimcellemutagenicitet Ingen data tilgængelige Kræftfremkaldende

egenskaber Ingen data tilgængelige Reproduktionstoksicitet Udarbejdet på baggrund af EU forordningen 2015/830 TG

Gum Remover 6/8 Ingen data tilgængelige Enkel STOT-eksponering Ingen data tilgængelige Gentagne STOT-

eksponeringer Ingen data tilgængelige Aspirationsfare Ingen data tilgængelige Langtidsvirkninger Irritative virkninger:

The product contains substances which are irritating to skin / eye contact or inhalation. Contact with irritants may

result in the contact area being more exposed to the uptake of harmful substances such as allergens.

12. ENVIRONMENTAL INFORMATION

12.1. Toksicitet Substans Art Test Varighed Resultat Fedtalkoholethoxylat Fedtalkoholethoxylat

Fedtalkoholethoxylat naphtha (råolie), hydrogenbeha... naphtha (råolie), hydrogenbeha... naphtha (råolie),

hydrogenbeha... Fisk Dafnier Alger Fisk Alger Dafnier LC50 EC50 EC50 LC50 EC50 EC50 96 h 24 h 1-10mg/l 1-10mg/l 1-10mg/l >1000 mg/l >1000 mg/l >1000 mg/l

12.2. Persistens og nedbrydelighed Substans Nedbrydelighed i vandmiljøet Test Resultat naphtha (råolie), hydrogenbeha... Ja Closed Bottle Test 80

12.3. Bioakkumuleringspotentiale Substans Potentiel bioakkumulerbar LogPow BCF carbondioxid Nej 0,83 Ingen data

12.4. Mobilitet i jord carbondioxid: Log Koc= 0,735677, Kalkuleret fra LogPow (Potentiel høj mobilitet.).

12.5. Resultater af PBT- og vPvB-vurdering Ingen data 12.6. Andre negative virkninger Ingen særlige

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:

16.05.04 Chemical Waste Group: Z

Special labeling

-

Contaminated packaging

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

SECTION 14: Transport information

14.1 - 14.4

The product is covered by the Dangerous Goods Conventions.

ADR / RID

14.1. UN number 1950

14.2. UN Shipping Name Aerosols

14.3. Transport hazard class (s) 2.1

14.4. Packaging group -

Remarks LQ2

Tunnel Code -

IMDG

UN-no. 1950

Proper Shipping Name Aerosols

Class 2.1

PG * -

EmS F-E, S-D

MP ** NO

Hazardous constituent -

IATA / ICAO

UN-no. 1950

Proper Shipping Name Aerosols

Class 2.1

PG * -

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Bulk transport according to Annex II of MARPOL 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

-

Special education requirements

-

Other things

-

PR no .: 2509899

sources

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 Executive Order No. 507 of 17 May 2011 on limit values for substances
and materials with
later changes.

REGULATION (EC) No 407/2007 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL 1272/2008 of 16 December
2008 on
classification, labeling and packaging of substances and mixtures and amending and repealing Directive
67/548 / EEC and 1999/45 / EC and amending Regulation (EC) No 1907/2006 (CLP).

EU Regulation 1907/2006 (REACH) with adaptations.

15.2. chemical safety

No

SECTION 16: Other information

Full text of H-phrases referred to in paragraph 3

H281 - Contains refrigerated gas, may cause cold damage.

H304 - May be fatal if swallowed and enters airways.

H318 - Causes serious eye damage.

The full text of identified uses referred to in paragraph 1

PC35 = Detergent (including solvent based products).

PROC 11 = Non-industrial spraying.

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

SU 22 = Professional Uses: Public Area (Administration, Education, Amusement, services, craftsmen)

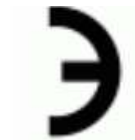
ERC2 = Formulation of chemical products

AC7 = Metal items:

AC10 = Rubber articles

AC13 = Plastic items

Other symbols mentioned in paragraph 2



Other things

In the classification of the mixture according to Regulation (EC) No 1272/2008, the assessments are based

On the following:

The classification of the mixture for physical hazards is based on experimental data.

The classification of the mixture for health hazards is based on the calculation methods in CLP. It is recommended to provide this safety data sheet to the actual user of the product. The said information cannot be used as a product specification.

The information in this safety data sheet applies only to the product mentioned in paragraph 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 paragraph 1) of this 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)

21-01-2016

Date of last minor change (Last digit in SDS version)

21-01-2016