



SAFETY DATA SHEET

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

Product name and/or code:	SYNTEKO REMOVER 1692
Chemical/technical name:	Cleaning agent
Supplier:	Casco Liimid LLC Peterburi tee 101 Tallinn, 13812 Estonia Tel:+372 605 40 16 Fax:+372 605 40 15 www.casco.ee
Poison centre:	6269390, direct number 16662
Emergency telephone number:	112
Intended use:	Cleaning of painted surfaces

2. Hazards identification

Classification:	Xi Irritant R36 Irritating to eyes
Human health hazards	Irritating to eyes
Fire hazards:	Not flammable
Environmental hazards:	Not classified

3. Composition/information on ingredients

Chemical characterization

Description: Mixture: consisting of the following components.

Ingredient name	CAS number	EC number	Concentration %	Classification
2-(2-butoxyethoxy)ethanol	112-34-5	203-961-6	1-5	Xi; R36 F, R11
Propan-2-ol	67-63-0	200-661-7	1-5	Xi; R36 R67
Alcohols, C12-14, ethoxylated	68439-50-9	500-213-3	1-5	Xn; R22-36/38
2-aminoethanol	141-43	205-483-3	1-5	Xn; R20/21/22 C; R34

Additional information: For the wording of the listed risk phrases refer to section 16.

4. First aid measures

General:	Always seek medical advice if any ill effects occur or there are persistent symptoms. Never give anything by mouth to an unconscious person. If possible, show this MSDS or the label to the medical personal .
After inhalation:	Fresh air.
After swallowing:	Drink one or two glasses of milk or water. Do not induce vomiting. Seek medical advice if more than a small quantity has been ingested or if illness or other symptoms occur.
After skin contact:	Rinse with water.
After eye contact:	Rinse immediately with plenty of water (20-30°C) for 5 minutes. Keep eyes wide open. Seek medical advice if there are persistent symptoms.

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5. Fire-fighting measures

Suitable extinguishing agents: Fire can be extinguished with waterspray/aerosol, carbondioxide (CO₂), dry chemical or foam. The product is non-flammable.

Protective equipment: No special measures required.

6. Accidental release measures

Person-related safety precautions: Put on appropriate personal protective equipment (see Section 8).

Measures for environmental protection: No special measures required.

Measures for cleaning/collecting: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

7. Handling and storage

Information for safe handling: Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: Always store in the original container and keep the container closed. Store dry in normal room temperature above 0°C, not in direct sunlight or elevated temperatures.

Information about storage in one common storage facility: Not required.

8. Exposure controls/personal protection

Exposure limit values:

Ingredients with limit values that require monitoring at the workplace: The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Exposure controls

Additional information about design of technical facilities: No further data; see item 7.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Hand protection:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break trough time has to be found out by the manufacturer of the



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Eye/face protection: protective gloves and has to be observed.
Safety goggles or glasses.

9. Physical and chemical properties

General information

Appearance: Liquid
Colour: Slightly blue
Odour: Perceptable

Important health, safety and environmental information

pH: ca.11
Flash point (°C): n.a.
Boiling point (°C): n.a.
Explosion limits (v/v): 2-38
Density (kg/l): 1,005
Organic solvents (%w/w): 8.0

10. Stability and reactivity

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
Dangerous reactions: Reacts when mixed with acids.
Hazardous decomposition products: No dangerous decomposition products known.

11. Toxicological information

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

Additional toxicological information:

2-(2-butoxyethoxy)ethanol:

Acute oral toxicity (LD50): 2000 mg/kg [Guinea pig]

Acute dermal toxicity (LD50): 2700 mg/kg [Rabbit.]

Propan-2-ol:

Oral rat LD50: 5045 mg/kg; skin rabbit LD50: 12.8 gm/kg; inhalation rat LC50: 16,000 ppm/8-hour

2-aminoethanol:

Oral rat LD50: 1970 mg/kg

Inhalation: Inhalation of dust causes pain in nose, mouth and throat, and may cause nausea.

Eye contact: Irritating to eyes
Ingestion: Severe pain in mouth and throat, irritates mucous membranes.

12. Ecological information

The product is assessed and classified as "Not dangerous to the environment".
The product contains no components classified harmful to the environment.

13. Disposal considerations

Waste from product residues: Small amounts can be flushed away with plenty of water. Large amounts are disposed of in accordance with relevant local regulations. Product residues are not harmful to the environment.

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Waste classification (EWC): 07 06 99 (European Waste Catalogue)

Contaminated packaging: Empty, cleaned containers can be recycled or burned in a proper incinerator in accordance to local regulations. Emptied, cleaned containers are sorted as plastics (PE-HD).

14. Transport information

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

This product is not regulated for carriage according to ADR/RID, IMDG, ICAO/IATA.

15. Regulatory information

Classified according to the criteria laid down in EU:

Hazard symbol/symbols:	Xi Irritant
Substances with dangerous properties:	Fatty acid alcohol ethoxylate
Risk phrases:	R36 Irritating to eyes
Safety phrases:	S 2 Keep out of reach of children
	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S 46 If swallowed, seek medical advice immediately and show this container or label

16. Other information

Full text of R-phrases referred to in sections 2 and 3:

- R11 Highly flammable
- R20/21/22 Harmful by inhalation, in contact with skin and if swallowed
- R22 Harmful if swallowed
- R34 Causes burns
- R36 Irritating to eyes
- R36/38 Irritating to eyes and skin
- R67 Vapours may cause drowsiness and dizziness

Full text of classifications referred to in sections 2 and 3:

- Xi IRRITANT
- Xn HARMFUL
- C CORROSIVE

Version: 1
UPDATE: --
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Notice to reader

The information in this SDS is based on the present state of our knowledge and on current laws. The product is not to be used for purposes other than those specified under section 1 without first obtaining written handling instructions. It is always the responsibility of the user to take all necessary steps to fulfil the demands set out in the local rules and legislation. The information in this SDS is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.