

SAFETY DATA SHEET

HEMEL STS 7M Antifouling Remover

According to Regulation (EU) No 2015/830

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

1.1. Product identifier

Product name HEMEL STS 7M Antifouling Remover

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

Identified uses Wood surface treatments

1.3. Details of the supplier of the safety data sheet

Supplier Hemel Emrenye Sanayi ve Tic.A.S.
Adress: I.D.O.S.B. Vakum Cd. No:25 B-1 Ozel Parsel Tuzla/Istanbul/Turkiye
E-Mail: hakan.milli@hemel.com.tr
Tel: +90 444 98 48
Fax: +90 216 394 83 10

1.4. Emergency telephone number

Tel: +90 444 98 48

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008) The product is not classified as hazardous according to CLP Regulation (EC) No 1272/2008.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No labelling required. Not classified.

Hazard Statements

Not classified.

Precautionary Statements

Not classified.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical identification: Mixture based on hydrocarbons and additives.

This product does not contain any substance which may be considered hazardous to the health and environment, according to the current legislation (1272/2008). Nor does it contain any substances with a recognised exposure limit.

Composition Comments

- The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

If the victim does not feel well, supply to fresh air. Get medical attention if any symptoms occur.

Ingestion

Immediate medical attention is not required. If symptoms are severe or persistent, seek medical attention.

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Skin contact

Immediately wash skin with plenty of cold water and continue washing for 15 minutes. Get medical attention immediately.

Eye contact

Wash with plenty of water for at least 15 minutes. Call a doctor immediately.

4.2. Most important symptoms and effects, both acute and delayed

No special symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media : Use fire-extinguishing media appropriate for surrounding materials. ABC powder, water can be used.

Unsuitable extinguishing media : No data available.

5.2. Special hazards arising from the substance or mixture

Specific hazards

In case of fire, toxic gases may be formed. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. Move container from fire area if it can be done without risk.

If possible, fight fire from protected position.

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Face mask, protective gloves and safety helmet.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Provide adequate ventilation. Avoid contact with skin or eyes. Isolate leaks provided that there is no additional risk for the people performing this task.

6.2. Environmental precautions

Keep product away from drains, surface and ground water.

6.3. Methods and material for containment and cleaning up

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents.

6.4. Reference to other sections

For personal protection, see section 8.

See section 11 for additional information on health hazards.

For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use suitable protective equipment. When using chemicals, ensure that industrial hygiene standards are complied with to prevent ingestion and contact with the eyes and skin. Eliminate spills and waste with safe methods. Keep containers closed.

It is recommended to transfer at a slow speed to avoid the creation of electrostatic charges that could affect flammable products. Do not eat or drink anything while using it and then clean your hands with suitable cleaning products. Do not dispose of in the environment uncontrolled.

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7.2. Conditions for safe storage, including any incompatibilities

Avoid contact with heat, radiation, static electricity sources and foods.
Maximum storage period: 24 Months.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Substance name	TWA (8sa)		STEL (15dk)	
1-methoxy-2-propanol	100 ppm	375 mg/m ³	150 ppm	568 mg/m ³

8.2. Exposure controls

Protective equipment



Respiratory equipment

In case of dust or exposure limits, use suitable respiratory protection.

Hand protection

Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional users/industrials, we recommend using CE III gloves in line with standards EN 420 and EN 374.

Eye protection

Periodically clean and disinfect according to the manufacturer's instructions. It is recommended to use in case of splash risk. (EN 166: 2001, EN ISO 4007: 2018)

Hygiene measures

Wash hands after contact. Change work clothing daily before leaving work place.
Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

Skin protection

In case of prolonged exposure, the product recommended for professional industrial uses is CE III in accordance with EN ISO 6529: 2013, EN ISO 6530: 2005, EN ISO 13688: 2013, EN 464: 1994.

Shoes: In case of prolonged exposure, the product recommended for professional industrial use is CE III in accordance with EN ISO 20345: 2012 and EN 13832-1: 2007. (EN ISO 20347: 2012)

Environmental Exposure Controls

Do not dispose of the product in an uncontrolled environment.

Volatile organic compounds

VOC: 250 g/L

Average carbon number: 2

Average molecular weight: 78.12 g/mol

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid, gel.
Colour	Green.
Odour	Characteristic.

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Odour threshold	No information available
pH value	Approximately 7
Melting point	No information available
Initial boiling point and range	185- 225 °C
Flash point	>85 °C
Evaporation rate	No information available
Upper/lower flammability or explosive limits	Not necessary
Flammability (solid, gas)	No information available
Auto-ignition temperature	>250 °C
Vapour pressure	43 Pa @ 20 °C 296,6 Pa (0,3 kPa) @ 50 °C
Vapor Density	No information available
Relative density	Approximately 1,1 @ 20 °C
Solubility(ies)	Partially soluble.
Density	1080 kg/m ³
Coefficient of dispersion: n-octanol / water	No information available
Decomposition Temperature	No information available
Viscosity	2400 cP @ 20 °C
Oxidising properties	No information available
Explosive properties	No information available

9.2. Other information

No information required.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Avoid alkalis or strong bases.

10.6. Hazardous decomposition products

None under normal conditions. During fire, toxic gases (CO, CO₂) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Product

LD50 Oral >2000 mg/kg (rat)

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Serious eye damage/irritation

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Based on available data the classification criteria are not met.

Skin sensitisation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - In Vitro/ In Vivo

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive Toxicity – (Fertility/ Development)

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity

The product is not classified as environmentally hazardous.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Should not be released to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.
Environmental manager must be informed of all major spillages.

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SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport Labels No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.

IATA: International Air Transport Association.

ICAO-TI: Technical Instructions for the Safe Transport of Dangerous Goods by Air.

IMDG: International Maritime Dangerous Goods.

CAS: Chemical Abstracts Service.

ATE: Acute Toxicity Estimate.

LC₅₀: Lethal Concentration to 50 % of a test population.

LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).

EC₅₀: 50% of maximal Effective Concentration.

PBT: Persistent, Bioaccumulative and Toxic substance.

vPvB: Very Persistent and Very Bioaccumulative.

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Information Sources

This SDS is prepared based on the information received from the product owner.

Revision Comments

This is first issue.

Hazard Statements In Full

Not applicable.

Issued By

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Issued Note

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