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Version No: 1.0

1. Chemical Product and Company Identification**1.1. Chemical Product Identification**

SILOKSAN DM Series

1. Siloksan DM 100 - 60000

1.2. Identified ways of using the chemical product and methods of use that are not recommended

INDUSTRIAL

CHEMICAL SEMIPRODUCT

1.3. Company Identification

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REGISTRATION NUMBER: 20649372

TIN: 106635628

1.4. Emergency telephone number:

+381 11 870 2153

2. Hazards Identification**2.1. Chemical Product Classification**

R - code	Description
R -	-

2.2. Elements of labeling

S - code	Description
S -	-

2.3. Additional Hazards

No harmful effects are expected if handled in accordance with applicable regulations.

3. Composition and Ingredients**3.1. Data on Product Ingredients**

Polydimethylsiloxane



4. First Aid Measures

4.1. First Aid Measures

- General** In case of accident or sickness, seek medical attention.
- After contact with skin** Remove the product mechanically with a tissue. Wash with soap and water.
- After contact with eyes** Rinse with plenty of water.
- If inhaled** Ensure supply of fresh air.
- If swallowed** Drink plenty of water in small amounts.

5. Fire Fighting Instructions:

5.1. Fire Fighting Media

Water fog, dry chemical powder, alcohol resistant foam, carbon dioxide, sand

5.2. Specific fire hazards arising from the substances and mixtures

None

5.3. Advice for Firefighters

6. Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures in case of accident

In the event of a spill alert personnel to potential slipping hazards.

6.2. Environmental Precautions

Keep out of the water, wastewater and soil. Cover spills with the adequate material (eg, soil).

6.3. Measures and materials for prevention of spreading and recovery

Remove mechanically. Small spills to be absorbed using suitable absorbing material. For larger spills use pumps to transfer the spilled product in a convenient waste disposal container.

7. Handling and Storage

7.1. Precautions for safe handling

No special measures required.

7.2. Conditions for safe storage, including incompatibilities

The maximum storage temperature is 50 °C

7.3. Special Remarks

Store in a dry and cool place

8. Exposure Control and Personal Protection

8.1. Exposure control parameters

General: general hygienic and precautionary measures for handling chemicals.

Do not eat or drink in the workplace.

8.2. Exposure control and personal protection

Respiratory protection	Protection is not required.
Hand protection	Use butyl rubber protective gloves.
Eye protection	Use safety goggles.

9. Physical and Chemical Properties

9.1. Data on the product's main physical and chemical properties

Appearance:	colourless liquid
Odour:	odourless
Odour threshold:	Cannot be determined
Melting point /Freezing point:	Not specified / -50 °C
Boiling point and boiling range:	> 300 °C
Ignition point:	450 °C
Upper/lower flammability and explosion limits:	Not specified
Vapor pressure:	Not specified
Vapor density 25°C Kgm⁻³ :	0,97
Relative density:	Not specified
Solubility:	Completely soluble in water
Distribution coefficient in the system:	Cannot be determined
Viscosity, mm/s:	100 – 60000

9.2. Other Data

Thermodegradation: Degradation starts at > 250 °C

10. Stability and Reactivity Data

10.1. Reactivity

If stored and handled in accordance with standard industry practice, dangerous reactions are not known.

10.2. Chemical Stability

The product is stable under normal conditions.

10.3. Possibility of Hazardous Reactions

Not known

10.4. Conditions to Avoid

Not known

10.5. Incompatible Materials

Not known

10.6. Hazardous Decomposition Products

Small amounts of formaldehyde are produced through oxidation at temperatures above 150°C.

**11. Toxicological Information****11.1. Data on toxic effects**

No harmful effects are expected if handled in accordance with applicable regulations.

11.2. Data on toxic effects

LC/LD 50 – classification relevant values

Exposure	Value/ Range	Type	Source
Oral	> 5000 mg/kg	Stakor	Literature
Dermal	> 2080 mg/kg	Stakor	Test report

The first signs of irritation

Exposure	Effects	Type	Source
Skin	Not irritant	Kunić	Test report
Eye	Not irritant	Kunić	Test report

Sensitivity

Exposure	Effects	Test type	Type	Source
Skin	Not irritant	Magnusson-Kligmann	Kunić	Test report

Additional Remarks

Point for the potential of altering the genetic material

Components of the test	Effects	Source
Bacterial Reverse,Mutation Test	Negativn	Test report

11.3. Additional Toxicological Effects

The patch tests: The product has been proved to be well tolerated by the skin.

12. Ecotoxicological Data**12.1. Toxicity**

Non-toxic.

12.2. Persistence and degradability

Non-degradable.

12.3. Potential for bioaccumulation

Not expected.

12.4. Mobility in Soil

The content of silicone: Particles absorbed. Separation by sedimentation.

12.5. Other Harmful Effects

If stored and handled in accordance with standard industry practice, environmental problems are not expected.



13. Disposal Considerations

13.1. Waste Treatment

Waste must be disposed of in accordance with legal regulations.

14. Transport Information

14.1. DOT Classification

Road transport ADR	Not regulated for transport
Rail transport RID	Not regulated for transport
Maritime transport IMDG	Not regulated for transport
Air transport	Not regulated for transport

15. Regulatory information

15.1. The regulations relating to safety, health and environment

Must comply with all applicable national and local laws.

16. Additional Information

The information above describes only the requirements for SILOKSAN DM series product safety, is believed to be accurate and represents the best information currently available to us.