Safety Data Sheet

Gem. VO (EG) 1907/2006

Date: 04.09.2024

Trade name: GigaGlide – Tour

1.Identification

1.1 Product identifier

Trade name: GigaGlide – Tour

1.2 Application of the substance / the mixture: Coating agents for alpine equipment - Wax substitute

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Reichmann & Sohn GmbH
Rudolf-Diesel-Str. 6-8
89264 Weissenhorn
Germany
T: + 49 7309 875 0
E-mail: info@reichmann.com
Web: www.reichmann.com

Information department:

T: + 49 7309 875 75
E-mail: shop@reichmann.com

1.4 Emergency telephone number:

+ 43 6245 21811
Available during office hours (CET):
Mo- Do: 08.00 - 12.00, 13.00-17:00
Fr: 08.00 - 13.00

2 Hazard(s) identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

The product is not classified, according to the Globally Harmonized System (GHS).

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008: no classification

Pictograms: no classification

Signal Word: no classification

Hazard statement: no classification

2.3 Other hazards

Inhalation of aerosol spray may damage health.

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable.

3. Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical characteristics: Polydimethylsiloxane with functional groups (Emulsion in water).

Hazardous ingredients: Mixture of the following ingredients with non-hazardous additives as well as additives below the relevant limits.

CAS: 75718-16-0	Poly[3-((2- aminoethyl)amino)propyl]methyl(dimethyl) siloxan, hydroxyterminiert Skin Irrit. 2, H315	1 – < 10%

4. First aid measures

4.1 Description of first aid measures

General information: Take persons to a safe place. Observe self-protection for first aid. Seek medical advice in the event of contact with this substance

After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation**.**

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Take off contaminated clothing and wash it before reuse. Seek medical treatment in case of complaints.

After eye contact:

Rinse opened eye for several minutes under running water. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical treatment in case of complaints.

After swallowing:

Rinse mouth.

Do NOT induce vomiting. Call a doctor immediately.

Information for doctor:

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Depending on the condition of the patients, the doctor must assess the symptoms and the overall general condition.

5. Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released: COx, NOx

5.3 Advice for firefighters

Wear self-contained respiratory protective device. Wear fully protective suit.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Restricted access to the affected area until cleaning work is completed. Wear protective equipment.

Keep unprotected persons away.

Ensure adequate ventilation

Avoid contact with skin and eyes. Avoid breathing mist/vapours/spray.

6.2 Environmental precautions

Nicht in die Kanalisation/Oberflächenwasser/Grundwasser gelangen lassen.

6.3 Methoden und Material für Rückhaltung und Reinigung:

Do not allow to enter sewers/ surface or ground water. Methods and material for containment and cleaning up. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.
Protective Action Criteria for Chemicals

PAC-1:		
CAS: 556-67-2	octamethylcyclotetrasiloxane	30 ppm

PAC-2:		
CAS: 556-67-2	octamethylcyclotetrasiloxane	68 ppm

PAC-3:		
CAS: 556-67-2	octamethylcyclotetrasiloxane	130 ppm

7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Keep receptacles tightly sealed.
Avoid contact with skin and eyes.
Avoid breathing mist/vapours/spray.
Use personal protective equipment as required.
Observe protective measures and safety instructions.
Information about protection against explosions and fires: No special measures required

7.2 Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles:
Store in a dry, cool, well-ventilated area.
Store in accordance with local/regional/national/international regulations.
Information about storage in one common storage facility: Not required.
Further information about storage conditions:
Keep receptacle tightly sealed.
Protect from heat and direct sunlight.

Protect from frost.
Recommended storage temperature: room temperature
Storage class: 12
Specific end use(s) No further relevant information available.
7.3 Specific end use(s) No further relevant information available

8. Exposure controls/personal protection

8.1 Control parameters
Additional information about design of technical systems:
No further data; see item 7.
Technical measures and the use of suitable working methods take priority over the use of personal protective equipment.
Control parameters
Components with limit values that require monitoring at the workplace: none
8.2 Exposure controls
Personal protective equipment:
Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.
Breathing equipment: Use suitable respiratory protective device in case of insufficient ventilation.
Protection of hands:
Persons with sensitive skin should wear protective gloves as a precaution.EN 374
Material of glovesNitrile rubber gloves; recommended material thickness: 0.4 mm, penetration time: 480 min
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.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:
In case of danger of splashing, wear protective goggles.
EN 166
Body protection: Protective work clothing

Limitation and supervision of exposure into the environment Do not allow to enter sewers/ surface or ground water.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Apperarance:	
Physical state:	liquid
Colour:	whitish
Odour:	neutral
Odour limit:	no data available
pH-Value:	not determined
Melting point/freezing point:	No data available
Bioling point/bioling range:	≥ 100 °C
Flash point:	No data available.
Auto-ignition temperature	Product is not selfigniting.
Decomposition temperature	No data available
Upper/lower flammability or explosive limits	
Lower explosion limit	Product does not present an explosion hazard.
Upper explosion limit	Product does not present an explosion hazard.
Vapour pressure 20 °C:	≤ 23 hPa
Density	No data available
Vapour density	No data available
Water sulubility	fully miscible
Partition coefficient: n-Octanol/Water	No data available.
Viscosity	
Dynamic	No data available.
kinematic:	No data available.

9.2 Other information

No further relevant information available.

10: Stability and reactivity

Reactivity No further relevant information available.

Chemical stability No decomposition if used and stored according to specifications.

Possibility of hazardous reactions No dangerous reactions known.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: No decomposition if used and stored according to specifications.

11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity: For this endpoint no toxicological test data is available for the whole product.

LD/LC50 values that are relevant for classification: no

Skin corrosion/irritation No further relevant information available.

Serious eye damage / eye irritation No further relevant information available.

Respiratory or skin sensitization No further relevant information available.

Germ cell mutagenicity no further relevant information available.

Carcinogenicity No further relevant information available.

Reproductive toxicity No further relevant information available..

Specific target organ toxicity (single exposure) No further relevant information available.

Specific target organ toxicity (repeated exposure) No further relevant information available.

Aspiration hazard No further relevant information available..

SECTION 12: Environmental information

12.1 Toxicity

Aquatic toxicity: none

12.2 Persistence and degradability

Silicone content: Not biodegradable. Elimination by adsorption on activated sludge.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
Other adverse effects No further relevant information available.

13. Disposal considerations

Waste treatment methods
Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Only dispose of product residues via authorised companies according to local legislation.
Uncleaned packagings:
Recommendation:
Dispose of packaging according to regulations on the disposal of packagings.
Packagings that cannot be cleansed are to be disposed of in the same manner as the product.

ABSCHNITT 14: Angaben zum Transport

UN-Number	
DOT, IMDG, IATA	not regulated
UN proper shipping name	
DOT, IMDG, IATA	not regulated
Transport hazard class(es)	
DOT, ADN, IMDG, IATA	
Class	not regulated
Packing group	
DOT, IMDG, IATA	not regulated

Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	not regulated

15. Regulatory information

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

Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances (Seveso III): None of the ingredients is listed.

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX I. RESTRICTED EXPLOSIVES PRECURSORS: Not applicable

Regulation (EU) 2019/1148 on the marketing and use of explosives precursors - ANNEX II. REPORTABLE EXPLOSIVES PRECURSORS: Not applicable

National regulations

National and local regulations must be observed

Water hazard class: 1 (Self-assessment): slightly hazardous for water

Information about limitation of use:

Employment restrictions concerning young persons must be observed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Other information

IMPORTANT: The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance/mixture itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge.
For this and other reasons, we do not assume responsibility and expressly disclaims liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product.
All materials may present unknown hazards and should be used with caution and only for identified uses described in section 1. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. No liability can be accepted for damage during handling or contact with the product.
Reasons for alterations
Training hints
Before handling, storage or use for the first time, employees must be informed about the properties of the substance and about measures taken to ensure safety and environmental protection.
Department issuing SDS:
UmEnA GmbH http://umena.at

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Abbreviations and acronyms:
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
* Data compared to the previous version altered.