

According to directive 1907/2006/EC; 2020/878
Version 1.1 Revision date: 08-02-2024
Trade name: Silicone ASSYST 6007

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

1.1 Product Identification:

Product name: Silicone ASSYST 6007

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

Use of the substance/mixture : Production of models and shapes

Recommended restrictions on use: At present, no inadvisable uses have been identified.

1.3 Details of the supplier of the safety data sheet:

Responsible distributor : ASSYST bvba / A.S.O.W. bvba
Hellegatstraat 13a
2590 Berlaar
Belgium
Tel: +32 495 50 61 14 / +32 496 83 70 27
Website: www.assyst.org / www.artsuppliesonweb.com
Email: ao@assyst.org / vera.opsommer@assyst.org

1.4 Emergency Phone Number:

For Belgium:

Call the **Poison Control Centre (070 245 245 - free)**, if not available: **02 264 96 30** (normal rate) or your doctor. In life-threatening situations, always call the European emergency number **112**.

NHS 24 Direct

For help from a GP, visit your GP surgery's website, use an online service to contact your GP, or call the surgery. **For urgent medical help**, use the NHS 111 online service, or **call 111** if you are unable to get help online. **For life-threatening emergencies, call 999** for an ambulance. There is more information about getting medical help on the NHS website.

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture:

Classification according to Directive (EC) No 1272/2008 and its amendments.

Long-term (chronic) danger for the aquatic environment, Category 3 - H412: Harmful to aquatic organisms with effects of long duration.

2.2 Label elements:

Pictograms:

Not required.

Signal word:

Not applicable.

Hazard statements :

H412Harmful to aquatic organisms with effects of long duration.

Prevention statements:

P273Do not release into the environment.

Elimination:

P501Dispose of the product/container to an authorised waste disposal plant.

2.3 Other hazards:

This substance/mixture contains components that are considered both persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

Ecological information:

The substance/mixture does not contain components considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information:

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The substance/mixture does not contain any constituents considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Regulation delegated (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition and information on ingredients

3.2 Mixture:

Chemical nature :

Mixture of silicone compounds and silica

Components:

Chemical Name	N. CAS N. EC N. INDEX Registration number	Classification: REGULATION (EC) No 1272/2008	Concentration (% w/w)
silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica	68909-20-6 272-697-1 - -	STOT RE 2; H373 (Lungs) EUH066	>= 10 - < 20
Octamethylcyclotetrasiloxane (REACH SVHC Candidate List)	556-67-2 209-136-7 014-018-00-1 01-2119529238-36	Flam. Liq. 3; H226 Repr. 2; H361f Aquatic Chronic 1; H410 M-factor (Toxicity chronic for the environmental water): 10	>= 0,1 - < 0,25
PBT and vPvB substance :			
dodecamethylcyclohexasiloxane (REACH SVHC Candidate List)	540-97-6 208-762-8 - 01-2119517435-42		>= 0,1 - < 1
decamethylcyclopentasiloxane (REACH SVHC Candidate List)	541-02-6 208-764-9 - 01-2119511367-43		>= 0,1 - < 1

See section 16 for explanations on abbreviations.

SECTION 4: First aid measures

4.1 Description of first aid measures:

General Information :

Remove all contaminated clothing immediately.

Show this safety data sheet to your doctor.

If inhaled :

Take to the open air.

If the complaints persist, consult a doctor.

In case of skin contact :

In case of contact with the skin, wipe off with paper or a cloth.

Wash immediately with soap and plenty of water.

If the complaints persist, consult a doctor.

In case of contact with the eyes:

Rinse eyes immediately with plenty of water.

If discomfort persists, consult a doctor.

If ingested :

Rinse mouth with water.

DO NOT induce vomiting.

Call a doctor immediately.

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

Risks : Unknown.

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4.3 Indication of any immediate medical attention and special treatment needed:
Treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media:

Suitable extinguishing media:

Carbon dioxide (CO2)
Water spray Dry powder
Foam.

Unsuitable extinguishing media:

Abundant water jet.

5.2 Special hazards arising from the substance or mixture:

Specific fire hazards :

Hazardous decomposition products in case of fire.

Can be released in the event of fire:

Carbon oxides Silicon | dioxide

5.3 Advice for firefighters:

Special protective equipment for firefighters:

In case of fire, wear self-contained breathing apparatus.

Further information :

In the event of fire, do not inhale smoke, combustion gases or vapours.
Sprays of water can be used to cool containers.
Dispose of contaminated water used for fire extinguishing and fire fighting in accordance with current regulations.

SECTION 6: Accidental release measures for the substance or mixture

6.1 Personal precautions, protective equipment and emergency procedures:

Individual precautions :

Use personal protective equipment.
Contaminated surfaces will be extremely slippery.

6.2 Environmental precautions:

Environmental precautions :

The product must not enter sewers, waterways or soil.
In the event of pollution of rivers, lakes or sewers, inform the competent authorities in accordance with local laws.
Comply with the regulations of the competent local authorities.

6.3 Methods and material for containment and cleaning up:

Removal methods :

Dry with inert materials (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Thoroughly clean the contaminated surface.
Handle the recovered material as described in the section "disposal considerations".
Eliminate in accordance with relevant legislation.

6.4 Reference to other sections:

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling

Warnings for safe use :

Ensure sufficient air exchange and/or extraction in the working environment.
Avoid aerosol formation.

Fire and explosion protection :

Take preventive measures to avoid electrostatic charge generation.

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Normal preventive measures.

Hygiene measures :

- Avoid contact with skin, eyes and clothing.
- Do not breathe vapours, aerosols.
- Remove all contaminated clothing immediately.
- Handle with care.
- Apply industrial hygiene and safety practices.

7.2 Conditions for safe storage, including any incompatibilities:

Warehouse and container requirements:

- Always store in containers that correspond to the original drums.
- Keep the container tightly closed.

Additional information for storage conditions:

- Store containers in a well-ventilated place.
- Store in a cool, dry place.

Indications for storage together with other products:

No special precautions are required.

7.3 Specific end use:

Special uses :

Refer to the technical instructions for use of this substance.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters:

Occupational Exposure Limit Values

It contains no substances with an occupational exposure limit value.

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End use	Exposure route	Potential health consequences	Value
octamethylcyclotetrasiloxane (REACH SVHC Candidate List)	Workers	Inhalation	Long-term systemic effects	73 mg/m3
	Workers	Inhalation	Long-term local effects	73 mg/m3
	Consumers	Inhalation	Long-term systemic effects	13 mg/m3
	Consumers	Inhalation	Long-term local effects	13 mg/m3
	Consumers	Ingestion	Long-term systemic effects	3.7 mg/kg p.c./day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No 1907/2006:

Substance name	Environmental Department	Value
octamethylcyclotetrasiloxane (REACH SVHC Candidate List)	Fresh water	1.5 µg/l
	Marine water	0.15 µg/l
	STP	10 mg/l
	Freshwater sediment	3 mg/kg weight dry (p.dry)
	Marine water sediment	0.3 mg/kg weight dry (p.dry)
	Soil	0.54 mg/kg weight dry (p.dry)
	Secondary poisoning	41 mg/kg food

8.2 Exposure controls:

Appropriate Technical Measures:

- Substances with TLVs (occupational exposure limit values) in preparations in liquid form do not give rise to any exposure in the working environment because they are not in respirable form.
- Exposure occurs in the presence of aerosols or when, due to complete evaporation of the liquid, a finely dispersed solid residue of the product remains.
- Ensure sufficient air exchange and/or exhaust ventilation in the working environment.

Individual protection measures, such as personal protective equipment

Protection of eyes/the face:

Protective goggles (EN 166)

Hand protection

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Material : Nitrile rubber

Permeation time : > 480 min

Glove thickness : > 0.35 mm

Protection Index : Class 6

Comments : The choice of an appropriate glove does not only depend on the material it is made of, but also on other quality characteristics and its peculiarities from one manufacturer to another.

The penetration times obtained according to EN 374 Part III must be observed under normal conditions of use. Accordingly, a maximum use of 50% of the penetration time.

Protection of the skin and body:

Wear suitable protective clothing (EN 14605).

Respiratory protection :

In the event of insufficient ventilation, use breathing apparatus.

Suggested filter type:

Combined A/P filter.

The equipment must comply with EN 14387.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state :	liquid
Colour :	translucent
Smell :	odourless
Melting point/interval :	No data available
Boiling point/boiling range :	No data available
Upper explosive limit / Upper flammability limit:	Not applicable
Lower explosive limit / Lower flammability limit:	Not applicable
Flash point :	Not applicable
Auto-ignition temperature:	not determined
Decomposition temperature::	The substance or mixture is not classified as self-reactive.
pH :	Not applicable substance/mixture is insoluble (in water)

Viscosity

Viscosity, dynamics :	approx. 28 000 mPa.s (20°C) Method: Brookfield
Viscosity, kinematics :	not determined

Solubility/solubilities.

Water solubility :	insoluble
Partition coefficient: n-octanol/water:	Not applicable
Vapour pressure :	No data available
Density : approx.	1.06 g/cm ³ (20°C)
Relative vapour density :	Not applicable

Particle characteristics

Distribution of the particle size:	Not applicable
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9.2 Other information

Oxidising properties :	Not applicable
Flammability (liquids) :	Fuels combustion
Self-ignition :	non-self-flammable
Evaporation rate :	Not applicable
Conductivity :	not defined

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SECTION 10: Stability and reactivity

10.1 Reactivity:

No dangerous reactions are known if stored and handled correctly.

10.2 Chemical Stability:

Stable under the recommended use and storage conditions (see section 7).

10.3 Potential Hazardous Reactions:

The product has no potential for hazardous reactions.

10.4 Conditions to Avoid:

None, if stored and handled correctly.

10.5 Chemically Interacting Materials:

There are no known incompatible materials for this product.

10.6 Hazardous Decomposition Products:

No decomposition if stored and used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Toxicity

Product:

Acute inhalation toxicity:

Comments: Based on the available data, it is not possible to meet the classification criteria.

Acute cutaneous toxicity:

Estimated acute toxicity: > 2 000 - 5 000 mg/kg

Method: Calculation method

Components:

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica:

Acute oral toxicity : LD50 (Rat): > 2 000 mg/kg

Method: OECD Test Guideline 401

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Acute oral toxicity :

LD50 Oral (Rat, male): 4 800 mg/kg Method:

OECD Test Guideline 401

Observations: No deaths observed for this dosage.

Acute inhalation toxicity :

LC50 (Rat, male and female): 36 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Acute cutaneous toxicity :

LD50 (Rat): > 2 375 mg/kg

Method: OECD Test Guideline 402

Remarks: No deaths observed for this dosage.

dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Acute oral toxicity :

LD50 (Rat): > 2 000 mg/kg

Method: OECD Test Guideline 423

Remarks: No deaths observed for this dosage.

Acute cutaneous toxicity :

LD50 (Rat): > 2 000 mg/kg

Method: OECD Test Guideline 402

Observations: No deaths observed for this dosage.

decamethylcyclopentasiloxane (REACH SVHC Candidate List):

Acute oral toxicity :

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LD50 (Rat, male and female): > 5 000 mg/kg

Acute inhalation toxicity :

LC50 (Rat): 8.67 mg/l

Exposure time: 4 h

Test atmosphere: dust/mist

Method: OECD Test Guideline 403

Test substance: Aerosol

Acute cutaneous toxicity :

LD50 (on rabbit, male and female): > 2 000 mg/kg

Method: OECD Test Guideline 402

Remarks No deaths observed for this dosage.

Skin corrosion/irritation Product:

Components:

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica:

Species : On rabbit

Method : OECD Test Guideline 404

Result : No skin irritation

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Species : Rat

Method : OECD Test Guideline 404

Result : No skin irritation

dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Species : On rabbit

Method : OECD Test Guideline 404

Result : No skin irritation

Serious eye damage/serious eye irritation

Product:

Comments : Contact with the eyes may cause irritation.

Components:

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica:

Species : On rabbit

Method : OECD Test Guideline 405

Result : No eye irritation

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Species : On rabbit

Method : OECD Test Guideline 405

Result : No eye irritation

dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Species : On rabbit

Method : OECD Test Guideline 405

Result : No eye irritation

Respiratory or skin sensitisation

Product:

Comments : No known sensitising effects

Components:

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica:

Type of test : Maximisation Test

Species : Guinea Pig

Method : OECD Test Guideline 406

Result : Does not cause skin sensitisation.

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Type of test : Maximisation Test

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Species : Guinea Pig
Method : OECD Test Guideline 406
Result : Does not cause sensitisation in laboratory animals.
dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Species : Guinea Pig
Evaluation : Does not cause skin sensitisation.
Method : OECD Test Guideline 406

Germ cell mutagenicity

Product:
Cell mutagenicity germinal - Evaluation:
Based on the available data, it is not possible to meet the classification criteria.

Carcinogenicity

Product:
Carcinogenicity - Evaluation:
Based on the available data, it is not possible to meet the classification criteria.

Reproductive toxicity

Product:
Reproductive toxicity - Evaluation:
Based on the available data, it is not possible to meet the classification criteria.

Components:

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):
Reproductive toxicity - Evaluation:
Suspected of damaging fertility, Toxic for reproduction. category 2

Specific target organ toxicity (STOT) - single exposure

Product
Comments : Based on the available data, it is not possible to meet the classification criteria.

Specific target organ toxicity (STOT) - repeated exposure

Product:
Route of exposure : Inhalation
Target organs : Lungs
Evaluation : The substance or mixture is not classified as an intoxicant of a specific target organ, by repeated exposure.
Comments : The product is liquid, there are no powder particles in the form breathable.

Components:

silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-, hydrolysis products with silica:
Route of exposure : Inhalation
Target organs : Lungs
Evaluation : May cause organ damage with pro-longed or repeated exposure.

Danger in case of aspiration

Product:
Based on the available data, it is not possible to meet the classification criteria.

11.2 Information on other dangers

Endocrine disrupting properties

Product:
Evaluation : The substance/mixture does not contain any constituents considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Regulation delegated (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:
Comments : Based on our experience and the information available, the product is not harmful to health if manipulated correctly and used according to standards.

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SECTION 12: Ecological information

12.1 Toxicity:

Product:

Fish toxicity :

Remarks: No specific product information is available.

Toxicity to daphnia and other aquatic invertebrates:

Remarks: No specific product information is available.

Toxicity to algae/aquatic plants:

Remarks: No specific product information is available.

Toxicity to micro-organisms :

Remarks: No specific product information is available.

Components:

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Fish toxicity :

LC50 (Oncorhynchus mykiss (rainbow trout)): > 0.022 mg/l

Exposure time: 96 h

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to daphnia and other aquatic invertebrates:

CE50 (Daphnia magna (large water flea)): 0.015 mg/l

Exposure time: 48 h

Type of test: Continuous flow test

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to algae/aquatic plants:

EC10 (Pseudokirchneriella subcapitata): >= 0.022 mg/l

Exposure time: 96 h

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

EC50 (Pseudokirchneriella subcapitata): > 0.022 mg/l

Exposure time: 96 h

Remarks: Not classified due to data that are conclusive, but not sufficiently so for classification.

Toxicity to micro-organisms :

EC50 (active sludge): > 10 000 mg/l

Exposure time: 3 h

Test type: Static test Method: ISO 8192

Fish toxicity (chronic toxicity) :

NOEC: >= 0.0044 mg/l

Exposure time: 93 d

Species: Oncorhynchus mykiss (Rainbow trout)

Type of test: Continuous flow test

Toxicity to daphnia and other aquatic invertebrates (chronic toxicity):

NOEC: > 0.0015 mg/l

Exposure time: 21 d

Species: Daphnia magna (Large water flea)

Test type: Continuous flow test

M-Factor (Chronic Toxicity for the aquatic environment): 10

dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Toxicity to algae/aquatic plants :

EC50 (Pseudokirchneriella subcapitata (chlorophytic algae)): >2 µg/l

Exposure time: 72 h

Type of test: Static test

Method: OECD Test Guideline 201

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to micro-organisms :

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EC50 (sewage sludge organisms): > 100 mg/l

Exposure time: 3 h

Type of test: Static test

Method: OECD Test Guideline 209

Fish toxicity (chronic toxicity) :

>=14 µg/l

Exposure time: 90 d

Species: Oncorhynchus mykiss (Rainbow trout)

Test type: Continuous flow test

Method: OECD Test Guideline 210

Toxicity to daphnia and other aquatic invertebrates (chronic toxicity):

NOEC: >=4.6 µg/l

Exposure time: 21 d

Species: Daphnia magna (Large water flea)

Test type: Semi-static test

Method: OECD Test Guideline 211

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Ecotoxicological assessment

Chronic toxicity to the aquatic environment:

This product has no known ecotoxicological effects.

decamethylcyclopentasiloxane (REACH SVHC Candidate List):

Fish toxicity :

LC50 (Oncorhynchus mykiss (rainbow trout)): >16 µg/l

Exposure time: 96 h

Type of test: Continuous flow test

Method: OECD 204

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to daphnia and other aquatic invertebrates:

NOEC (Daphnia magna (large water flea)): >2.9 µg/l

Exposure time: 48 h

Type of test: Continuous flow test

Method: OECD Test Guideline 202

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to algae/aquatic plants:

EC50 (Pseudokirchneriella subcapitata (chlorophytic algae)): >12 µg/l

Exposure time: 96 h

Type of test: Static test

Method: OECD Test Guideline 201

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Toxicity to micro-organisms :

EC50 (sewage sludge organisms): > 2 000 mg/l

Exposure time: 3 h

Type of test: Static test

Fish toxicity (chronic toxicity) :

NOEC: >= 14 µg/l

Exposure time: 90 d

Species: Oncorhynchus mykiss (Rainbow trout)

Test type: Continuous flow test

Method: OECD Test Guideline 210

Toxicity to daphnia and other aquatic invertebrates (chronic toxicity):

NOEC: >=15 µg/l

Exposure time: 21 d

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Species: Daphnia magna (Large water flea)

Test type: Semi-static test

Method: OECD Test Guideline 211

Remarks: Not classified due to data that are conclusive, but not sufficient for classification.

Ecotoxicological assessment

Chronic toxicity to the aquatic environment:

This product has no known ecotoxicological effects.

12.2 Persistence and Degradability:

Product:

Biodegradability :

Remarks: No specific product information available.

Physico-chemical eliminability :

Remarks: In purification plants, it can be mechanically separated.

The product can be removed from water by an abiotic process, e.g. adsorption on activated sludge.

12.3 Bioaccumulation:

Product

Bioaccumulation :

Remarks: No specific product information available.

Components:

octamethylcyclotetrasiloxane (REACH SVHC Candidate List):

Partition coefficient: n-octanol/water:

log Pow: 6.98 (21.7 °C)

dodecamethylcyclohexasiloxane (REACH SVHC Candidate List):

Partition coefficient: n-octanol/water:

log Pow: 8.87 (23.6 °C)

decamethylcyclopentasiloxane (REACH SVHC Candidate List):

Partition coefficient: n-octanol/water:

log Pow: 8.023

Method: OECD Test Guideline 123

Biodegradability :

Remarks: No specific product information available.

12.4 Mobility in Soil:

No information on mobility in soil is available.

12.5 Results of PBT and vPvB assessment

Evaluation : This substance/mixture contains components considered both persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

12.6 Information on other dangers

Endocrine disrupting properties

Product:

Evaluation : The substance/mixture does not contain any constituents considered to have endocrine disrupting properties according to Article 57(f) of REACH or Commission Regulation delegated (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other Harmful Effects:

Additional ecological information:

As the product is not soluble in water, ecological data such as biodegradability, CSB and BSB5 values cannot be determined analytically.

To the best of our current knowledge, the product does not contain heavy metals and other compounds listed in Directive 2000/60/EC.

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SECTION 13: Instructions for disposal

13.1 Waste treatment methods:

Product :

Products that cannot be reused, reclaimed or recycled must be disposed of at an authorised facility in accordance with national, state and local regulations.

Contaminated containers :

The packaging must be completely emptied.

Dispose of non-recyclable/recyclable packaging in accordance with local regulations.

No. (code) of waste disposed of :

For this product it is not possible to determine a waste code number according to the European Waste Catalogue, as only the intended use by the consumer allows this to be assigned.

The waste code number must be determined with the EU in consultation with the disposal company.

SECTION 14: Information relating to carriage

14.1 UN number

The transport of this substance is not subject to regulations.

14.2 Proper load name according to UN Model Regulations

The transport of this substance is not subject to regulations.

14.3 Transport hazard class(es)

The transport of this substance is not subject to regulations.

14.4 Packing group

Not regulated as dangerous goods

14.5 Environmental hazards

The transport of this substance is not subject to regulations.

14.6 Special precautions for the user

Comments : see chapter 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Notes: Not applicable for product, as supplied.

SECTION 15: Legally required information

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

Other legislation:

National and local regulations must be respected.

Legislative Decree no. 81 of 9 April 2008 (Implementation of Article 1 of Law no. 123 of 3 August 2007 on the protection of health and safety in the workplace) as amended and supplemented.

Legislative Decree no. 152 of 3 April 2006 (environmental regulations) as amended and supplemented.

Legislative Decree No 21 of 6 February 2009 (Regulation implementing the provisions of Regulation (EC) No 648/2004 on detergents)

15.2 Chemical Safety Assessment:

A chemical safety assessment is not required or has not been carried out for this product.

SECTION 16: Other information

It is recommended to use the product only for the advised purposes.

Full text of the H-Statements

H226: Flammable liquid and vapour.

H361f: Suspected of damaging fertility.

H373: May cause damage to organs through prolonged or repeated exposure if inhaled.

H410 Very toxic to aquatic life with long-lasting effects.

EUH066: Repeated exposure may cause skin dryness or cracking.

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Full text of other abbreviations

Aquatic Chronic : Long-term (chronic) hazard for the aquatic environment

Flam. Liq. : Flammable liquids

Repr. : Reproductive toxicity

STOT RE : Specific target organ toxicity - repeated exposure

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR Agreement); AICS - Australian Inventory of Chemicals; ASTM - American Association for the Testing of Materials; bw - Body weight; CLP - Classification, Labeling and Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogenic, mutagenic or toxic to reproduction; DIN - Standard of the German Institute for Standardization; DSL - Indoor Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - EINECS number; ECx - Concentration associated with x% response; ELx - Load capacity associated with x% response; EmS - Emergency schedule; ENCS - Existing and New Chemicals (Japan); ErCx - Concentration associated with x% growth response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Cancer Research; IATA - International Air Transport Association; IBC - International IMO Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk; IC50 - Half-maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemicals in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Act (Japan); ISO - International Organization for Standardization; KECI - Korean Inventory of Existing Chemicals; LC50 - Lethal concentration for 50% of a test population; LD50 - Lethal dose for 50% of a test population (median lethal dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not otherwise specified; NO(A)EC - No observable (negative) effect on concentration; NO(A)EL - No observable (negative) effect on Level; NOELR - No discernible effect on load capacity; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development OECD; OPPTS - Bureau of Chemical Safety and Pollution Prevention; PBT - Persistent, bioaccumulative and toxic substance; PICCS - Philippine Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure-Activity Relationships; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH); RID - Regulations Concerning the International Carriage of Dangerous Goods by Rail (RID); SADT - Self-accelerating decomposition temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Inventory List; TRGS - Technical Regulation on Hazardous Substances; TSCA - Toxic Substance Control Act (US); UN - United Nations; vPvB - Very difficult to degrade and very bioaccumulative

Further information

Guidance on training :

Based on the information in the safety data sheet and the conditions in the workplace, employees must be regularly instructed in the safe handling of the product.

Comply with national regulations on the training of employees in the handling of hazardous substances.

Other information :

The classification of hazardous physico-chemical properties and health and environmental hazards is derived from a combination of calculation methods and, if available, test data.

Compared to the previous one, this safety data sheet contains the following changes in the section: 1 – 16.

Sources of main data used to compile the sheet:

Information from our suppliers and data from the 'Database of Registered Substances' of the European Chemicals Agency (ECHA) were used to compile this safety data sheet.

Classification of the mixture:

Aquatic Chronic 3

H412

Classification procedure:

Calculation method

SAFETY DATA SHEET



According to directive 1907/2006/EC; 2020/878
Version 1.1 Revision date: 08-02-2024
Trade name: Silicone ASSYST 6007

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Print date: 11-7-2024

The information in this MSDS is correct to the best of our knowledge of the product at the time of publication. This information is provided for the sole purpose of enabling the product to be used, stored, transported and disposed of in the most correct and safe manner. This information is not to be regarded as a guarantee or specification of the quality of the product. It relates only to the material specifically designated and does not apply to it when used in combination with other materials or in other processes not specifically mentioned in the Material Safety Data Sheet text.