

SERVATENE E1020

Safety Data Sheet

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH),
amended by Regulation (EC) No. 2015/830



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

1.1. Product identifier

Product name : SERVATENE E1020

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Manufacture of plastics products, including compounding and conversion

1.2.2. Uses advised against

Uses advised against : Do not use for medical-clinical purposes

1.3. Details of the supplier of the safety data sheet

SERVACHEM
7 Rue de la libération
28250 SENONCHES

1.4. Emergency telephone number

Not applicable

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labelling applicable

2.3. Other hazards

Other hazards not contributing to the classification : In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop. This material can accumulate static charge by flow or agitation and can be ignited by static discharge.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In all cases of doubt, or when symptoms persist, seek medical advice.
First-aid measures after inhalation : Remove casualty to fresh air and keep warm and at rest.
First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap. Following contact with the melted product, quickly cool affected skin area with water. Do not attempt to remove congealed product from skin.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. If eye irritation persists, consult a specialist.
First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

Symptoms/effects after inhalation : Inhalation of dust may cause respiratory irritation.
Symptoms/effects after skin contact : The melted product can cause severe burns.
Symptoms/effects after eye contact : If eye irritation persists: Get medical advice/attention.

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

Treat symptomatically.

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SECTION 5: Firefighting measures

- 5.1. Extinguishing media
Suitable extinguishing media : Water mist. Foam. Carbon dioxide (CO₂). Dry extinguishing powder.
Unsuitable extinguishing media : high volume water jet.
- 5.2. Special hazards arising from the substance or mixture
Fire hazard : Thermal decomposition can lead to the escape of irritating gases and vapours.
Explosion hazard : Danger of dust explosion.
- 5.3. Advice for firefighters
Precautionary measures fire : Avoid generation of dust. This material can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, mechanical/electrical equipment, and electronic devices such as cell phones, computers, calculators, and pagers which have not been.
Firefighting instructions : Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Protection during firefighting : Use personal protective equipment as required.

SECTION 6: Accidental release measures

- 6.1. Personal precautions, protective equipment and emergency procedures
6.1.1. For non-emergency personnel
Protective equipment : Wear suitable protective clothing.
Emergency procedures : Ensure personnel is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency.
- 6.1.2. For emergency responders
No additional information available
- 6.2. Environmental precautions
Do not allow uncontrolled leakage of product into the environment.
- 6.3. Methods and material for containment and cleaning up
Methods for cleaning up : Remove mechanically, placing in appropriate containers for disposal. Avoid generation of dust. Vacuum with an equipment that avoids ignition risk.
- 6.4. Reference to other sections
No additional information available

SECTION 7: Handling and storage

- 7.1. Precautions for safe handling
Precautions for safe handling : Avoid generation of dust. Provide adequate ventilation. Remove all sources of ignition. Take precautionary measures against static discharges.
Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of work.
- 7.2. Conditions for safe storage, including any incompatibilities
Storage conditions : Take precautionary measures against static discharge. Store in a well-ventilated place. Keep container tightly closed.
- 7.3. Specific end use(s)
No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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	inhalable dust	10 mg/m ³
DK,FR,GR,NL,NO,PT,SE	respirable dust	5 mg/m ³

8.2. Exposure controls

Appropriate engineering controls:

If suction of the immediate vicinity is impossible or insufficient, the entire working place must be sufficiently ventilated using appropriate machines.

Hand protection:

Chloroprene rubber. PVC gloves. Nitrile rubber gloves

Eye protection:

Wear eye/face protection. DIN EN 166

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Skin and body protection:

Normal overalls. Only wear fitting, comfortable and clean protective clothing.

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. particulates filter device (DIN EN 143). Dust production: dust mask with filter type P1

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: natural colour.
Odour	: odourless.
Odour threshold	: No data available
pH	: Not applicable.
Relative evaporation rate (butylacetate=1)	: Not applicable.
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Decomposes before boiling
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable.
Relative vapour density at 20 °C	: Not applicable.
Relative density	: No data available
Relative gas density	: Not applicable.
Solubility	: Negligible.
Log Pow	: Not applicable.
Viscosity, kinematic	: Not applicable.
Viscosity, dynamic	: Not applicable.
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Avoid generation of dust.

10.5. Incompatible materials

Strong acid. strong alkalis. Oxidizing agents.

10.6. Hazardous decomposition products

In case of fire: Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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Skin corrosion/irritation	: Not classified pH: Not applicable.
Serious eye damage/irritation	: Not classified pH: Not applicable.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

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Persistence and degradability	Experience so far shows this product to be inert and not degradable.
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12.3. Bioaccumulative potential

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Log Pow	Not applicable.
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Bioaccumulative potential	No indication of bio-accumulation potential.
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12.4. Mobility in soil

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Mobility in soil	Due to its low solubility in water the product is almost completely mechanically separated in biological waste water treatment plants.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Comply with local regulations for disposal.

Waste disposal recommendations : Do not empty into drains; dispose of this material and its container in a safe way. Handle contaminated packaging in the same way as the product itself.

EURAL code : 07 02 13 - waste plastic

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA

14.1. UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

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14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

No data available

Transport by sea

No data available

Air transport

No data available

Inland waterway transport

No data available

Rail transport

No data available

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance (SVHC-25/06/2020)

Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2017/999

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Indication of changes:			
Version	Changed item	Change	Comments
1.23	8.1 > Control parameters	Removed	
1.23	8.1 > Control parameters > Diatomaceous earth, flux-calcined	Removed	
1.23	15.1.1 > EU-Regulations > Reach Candidate	Modified	
1.23	16 > SDS Regulation reference	Modified	
1.24	8.1 > respirable dust	Modified	
1.25	15.1.1 > EU-Regulations > Reach Candidate	Modified	
1.26	8.2 > Skin and body protection	Modified	
1.26	11.1 > Acute toxicity	Modified	
1.26	12.1 > Toxicity	Added	
1.27	15.1.1 > EU-Regulations > Reach Candidate	Modified	
1.28	15.1.1 > EU-Regulations > Reach Candidate	Modified	
1.29	1.3 > Company	Modified	
1.29	9.1 > Colour	Modified	
1.30	4.2 > Symptoms/effects after inhalation	Modified	
1.30	15.1.1 > EU-Regulations > REACH Annex XIV	Added	
1.30	16 > Company disclaimer	Added	
1.31	1.3 > Company	Modified	
1.31	15.1.1 > EU-Regulations > Reach Candidate	Modified	
1.32	16 > Indication of changes	Added	
1.33	15.1.1 > EU-Regulations > REACH Candidate	Modified	
1.34	16 > Indication of changes	Removed	
1.35	8.1 > Control parameters	Added	

Abbreviations and acronyms:

REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
SVHC	Substance of very high concern
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods
IATA	International Air Transport Association
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
MARPOL 73/78	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("MARPOL" is short for marine pollution and 73/78 short for the years 1973 and 1978.)
IBC	The International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
OSHA	Occupational Safety & Health Administration

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TWA	Time Weighted Average
STEL	Occupational Exposure Limits - Short Term Exposure Limits (STELs)
ACGIH	American Conference of Government Industrial Hygienists
TLV	Threshold Limit Value
IARC	International Agency for Research on Cancer