

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 1 of 6

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

ENESTER EM-180-GR9-J1-000

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

Automotive, construction, electric & electronic, industrial applications

Uses advised against

Food and medical applications

1.3. Details of the supplier of the safety data sheet

Company name: Ravago Petrokimya Üretim A.S.
Street: Çoraklar Mh. 5000 Sok. N:7-17 Aliaga Org.San.Bölg.
Place: TR Aliaga / IZMIR (Turkey)
Telephone: +90 850 314 70 99
e-mail: semanur.yildiz@ravago.com / suleyman.gumus@ravago.com
Contact person: Semanur YILDIZ / Suleyman Telephone: 0 850 314 70 99
GUMUS
e-mail: semanur.yildiz@ravago.com / suleyman.gumus@ravago.com
Internet: www.ravagopetrokimya.com.tr

1.4. Emergency telephone number:

0 850 314 70 99
Only during office hours (8 am - 5 pm)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements**2.3. Other hazards**

Preparation/mixture without hazards for human health or environment

Prolonged and repeated inhalation of decomposition products may cause a pulmonary oedema.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Glass Fibre & Glass Bead Reinforced PBT

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

First aider: Pay attention to self-protection!

Provide adequate ventilation.

After inhalation

Provide adequate ventilation.

In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

Consult physician.

After contact with skin

The melted product can cause severe burns.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 2 of 6

Do not use force or solvents to remove product incrustations from affected skin areas .
After contact with molten product, cool skin area rapidly with cold water.
Consult physician.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Consult physician.

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

No information available.

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

No information available.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water and Foam. Carbon dioxide (CO₂). Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide Carbon monoxide hydrocarbons. alcohol resistant foam. Sand.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

High slip hazard because of leaking or spilled product. (Granulate)

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal . Do not empty into drains.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation. Equipment with built-in suction provisions.

Advice on protection against fire and explosion

No information available.

Further information on handling

No information available.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in a cool place.

Provide adequate ventilation.

Advice on storage compatibility

storage stability:

storage temperature: < 40 °C unlimited durability.

No special precautionary measures are necessary.

Further information on storage conditions

Shelf-life: 1 year

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 3 of 6

7.3. Specific end use(s)

No information available.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

8.2. Exposure controls**Appropriate engineering controls**

No information available.

Protective and hygiene measures

Provide adequate ventilation. Equipment with built-in suction provisions.
When using do not eat, drink or smoke. Do not breathe dust.

Eye/face protection

Wear eye/face protection.

Hand protection

Wear suitable gloves.

Skin protection

Only wear fitting, comfortable and clean protective clothing.
In case of increasing hazard add:heat-resistant synthetic fibres

Respiratory protection

Respiratory protection necessary at:In the case of the formation of dust(half-mask with filter (DIN EN 149).)

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	solid (Granulate)
Colour:	various
Odour:	odourless

Test method**Changes in the physical state**

Melting point:	235-250 °C	ISO 3146
Flash point:	not applicable	

Explosive properties

not applicable

Oxidizing properties

not applicable

Vapour pressure:	not applicable
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Density (at 23 °C):	1,69-1,73 g/cm³	ISO 1183
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Water solubility:	insoluble
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Partition coefficient:	not applicable
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Viscosity / dynamic:	not applicable
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Viscosity / kinematic:	not applicable
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Vapour density:	not applicable
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Safety Data Sheet

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ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 4 of 6

Evaporation rate:

not applicable

9.2. Other information

Decomposition temperature > 350

SECTION 10: Stability and reactivity**10.1. Reactivity**

No information available.

10.2. Chemical stability

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

300 C

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Carbon dioxide Carbon monoxide hydrocarbons.

Further information

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

not applicable

Irritation and corrosivity

not applicable

Sensitising effects

not applicable

Carcinogenic/mutagenic/toxic effects for reproduction

not applicable

STOT-repeated exposure

not applicable

Specific effects in experiment on an animal

not applicable

Further information

Not an irritant. When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

SECTION 12: Ecological information**12.1. Toxicity**

Insoluble in: Water.

Ecotoxicological effects:: none

Due to the consistency along with the low water solubility of the product, bioavailability is unlikely.

12.4. Mobility in soil

No information available.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 5 of 6

12.5. Results of PBT and vPvB assessment

No information available.

12.6. Other adverse effects

No information available.

Further information

No information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

Refer to manufacturer or supplier for information on recovery or recycling.

Material recycling possible.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): none

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): none

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): none

Air transport (ICAO-TI/IATA-DGR)

14.2. UN proper shipping name: Not a hazardous material with respect to transportation regulations.

14.3. Transport hazard class(es): none

Other applicable information (air transport)

ICAO/IATA-DGR: none

14.6. Special precautions for user

No information available.

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

No information available.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

nwg (KBwS-Einstufung), KBwS-Nr.: 766

National regulatory information**SECTION 16: Other information**

Safety Data Sheet

according to Regulation (EC) No 1907/2006

ENESTER EM-180-GR9-J1-000

Revision date: 24.12.2021

Product code: 3391

Page 6 of 6

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Disclaimer:

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)