

Safety data sheet

Page: 1/12

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

1. Identification

Product identifier

MELMENT L 15/45%

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

Relevant identified uses: additive for cement based and other inorganic suspensions of solids in water

Details of the supplier of the safety data sheet

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Regional Business Unit Dispersions Europe

Telephone: +49 621 60-0

E-mail address: ed-psr@basf.com

Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

2. Hazards Identification

Classification of the substance or mixture

According to UN GHS criteria

No need for classification according to GHS criteria for this product.

Label elements

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

Globally Harmonized System (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards

According to UN GHS criteria

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition/Information on Ingredients

Substances

Not applicable

Mixtures

Chemical nature

Aqueous solution based on: melamine resin, sulfonated, polycondensate

Hazardous ingredients (GHS)

According to UN GHS criteria

formaldehyde...%

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

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Content (W/W): < 0,1 %	Flam. Liq. 4
CAS Number: 50-00-0	Acute Tox. 3 (Inhalation - vapour)
EC-Number: 200-001-8	Acute Tox. 3 (oral)
REACH registration number: 01-2119488953-20	Acute Tox. 3 (dermal)
INDEX-Number: 605-001-00-5	Skin Corr./Irrit. 1B
	Eye Dam./Irrit. 1
	Skin Sens. 1
	Muta. 2
	Carc. 1B
	Aquatic Acute 2
	H227, H317, H350, H341, H314, H301 + H311 + H331, H401
	<u>Specific concentration limit:</u>
	Skin Sens. 1: >= 0,2 %
	STOT SE 3, irr. to respiratory syst.: >= 5 %
	Skin Corr./Irrit. 2: 5 - < 25 %
	Skin Corr./Irrit. 1B: >= 25 %
	Eye Dam./Irrit. 2: 5 - < 25 %

For the classifications not written out in full in this section the full text can be found in section 16.

4. First-Aid Measures

Description of first aid measures

First aid personnel should pay attention to their own safety. Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If symptoms persist, seek medical advice.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

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(ID no. 30402874/SDS_GEN_00/EN)

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Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures**Extinguishing media**

Suitable extinguishing media:

foam, water spray, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons:

water jet

Special hazards arising from the substance or mixture

Carbon dioxide, Carbon monoxide, harmful vapours, nitrogen oxides, fumes/smoke, carbon black

Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. If exposed to fire, keep containers cool by spraying with water. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures**Personal precautions, protective equipment and emergency procedures**

Avoid breathing dust/fume/gas/mist/vapours/spray. Wear eye/face protection. Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

For large amounts: Pick up with suitable appliance and dispose of. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage**Precautions for safe handling**

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

Avoid inhalation of dusts/mists/vapours. Avoid skin contact. Ensure adequate ventilation. No special measures necessary provided product is used correctly.

Protection against fire and explosion:

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect from direct sunlight.

Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure Controls/Personal Protection

Control parameters

Components with occupational exposure limits

50-00-0: Formaldehyde

Exposure controls

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

impermeable gloves

Synthetic rubber gloves

Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures

Do not inhale dust/fumes/aerosols. Avoid contact with the skin, eyes and clothing. Avoid exposure - obtain special instructions before use. Handle in accordance with good building materials hygiene and safety practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). When using do not eat or drink.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Form: liquid
 Colour: colourless to lightly coloured
 clear to slightly cloudy
 Odour: characteristic
 Odour threshold:

No applicable information available.

pH value: approx. 7 - 10
 (20 °C)

Information on: Water

Melting point: 0 °C

Information on: Water

Boiling point: 100 °C

Flash point:

not applicable

Evaporation rate:

not determined

Flammability:

not flammable

Ignition temperature:

Study does not need to be conducted.

Information on: Water

Vapour pressure: 23,4 hPa
 (20 °C)
Literature data.

Density: approx. 1,29 - 1,31 g/cm³
 (20 °C)

Relative vapour density (air):

not determined

Solubility in water:

miscible
 (20 °C)

Partitioning coefficient n-octanol/water (log K_{ow}):

not applicable for mixtures

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

Viscosity, dynamic:

not determined

Explosion hazard:

not explosive

Fire promoting properties: not fire-propagating

Other information

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

Miscibility with water:

(20 °C)

miscible in all proportions

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals: Corrosive effects to metal are not anticipated.

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

The product is stable if stored and handled as prescribed/indicated.

Conditions to avoid

See SDS section 7 - Handling and storage.

Incompatible materials

Substances to avoid:

strong acids, strong bases, strong oxidizing agents, strong reducing agents

Hazardous decomposition products

:

Possible separation of formaldehyde in small quantities., The substances/substance groups mentioned are formed by hydrolysis.

Possible thermal decomposition products:

Ammonia, anhydrous

carbon oxides, sulfur oxides, nitrous gases, cyanides

11. Toxicological Information

Information on toxicological effects

Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact. Based on available Data, the classification criteria are not met.

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

Irritation

Assessment of irritating effects:

No irritation is expected under intended use and appropriate handling. Based on available Data, the classification criteria are not met.

Respiratory/Skin sensitization

Assessment of sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded.

Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity:

No data available concerning carcinogenic effects.

Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Developmental toxicity

Assessment of teratogenicity:

The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No reliable data was available concerning repeated dose toxicity. Based on available Data, the classification criteria are not met.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

12. Ecological Information

Toxicity

Assessment of aquatic toxicity:

Based on available Data, the classification criteria are not met. There is a high probability that the product is not acutely harmful to aquatic organisms.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Not readily biodegradable (by OECD criteria).

Bioaccumulative potential

Assessment bioaccumulation potential:

No data available.

Discharge into the environment must be avoided.

Mobility in soil

Assessment transport between environmental compartments:

Volatility: No data available.

Results of PBT and vPvB assessment

The product does not fulfill the criteria for PBT (Persistent/bioaccumulative/toxic) and vPvB (very persistent/very bioaccumulative).

Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

Additional information

Other ecotoxicological advice:

Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

13. Disposal Considerations

Waste treatment methods

Observe national and local legal requirements.

The waste code in accordance with the European waste catalog (EWC) must be specified in cooperation with disposal agency/manufacturer/authorities.

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after being thoroughly cleaned.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

14. Transport Information

Land transport

ADR

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

RID

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

Inland waterway transport

ADN

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UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	None known

Transport in inland waterway vessel

Not evaluated

Sea transport

IMDG

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

Air transport

IATA/ICAO

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

Transport in bulk according to Annex II of MARPOL and the IBC Code

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

15. Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

BASF Safety data sheet according to UN GHS 4th rev.

Date / Revised: 16.02.2021

Version: 1.1

Product: **MELMENT L 15/45%**

(ID no. 30402874/SDS_GEN_00/EN)

Date of print 10.10.2025

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

16. Other Information

Full text of classifications, hazard symbols and hazard statements, if mentioned in section 2 or 3:

Flam. Liq.	Flammable liquids
Acute Tox.	Acute toxicity
Skin Corr./Irrit.	Skin corrosion/irritation
Eye Dam./Irrit.	Serious eye damage/eye irritation
Skin Sens.	Skin sensitization
Muta.	Germ cell mutagenicity
Carc.	Carcinogenicity
Aquatic Acute	Hazardous to the aquatic environment - acute
STOT SE	Specific target organ toxicity — single exposure
H227	Combustible liquid.
H317	May cause an allergic skin reaction.
H350	May cause cancer.
H341	Suspected of causing genetic defects.
H314	Causes severe skin burns and eye damage.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H401	Toxic to aquatic life.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.