

**Safety Data Sheet**

according to UK REACH Regulation

**KÖSTER IN 2 A**

Revision date: 04.02.2021

Product code: IN\_220\_A

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

**1.1. Product identifier**

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

**Use of the substance/mixture**

The product is intended for professional use. Building and construction work.

**Uses advised against**

No identified use(s).

**1.3. Details of the supplier of the safety data sheet**

Company name:	KÖSTER BAUCHEMIE AG	
Street:	Dieselstrasse 1 - 10	
Place:	D-26607 Aurich	
Telephone:	+49-4941-9709-0	Telefax: +49-4941-9709-40
e-mail:	info@koester.eu	
Contact person:	Forschung & Entwicklung	
e-mail:	produktsicherheit@koester.eu	
Internet:	www.koester.eu	

**1.4. Emergency telephone number:**

+49-551-19240 (24 h, Giftinformationszentrum Nord)

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GB CLP Regulation**

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

**2.2. Label elements**

**GB CLP Regulation**

**Special labelling of certain mixtures**

EUH208	Contains Phenol, methylstyrenated. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

**Additional advice on labelling**

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

**2.3. Other hazards**

No risks worthy of mention.

**SECTION 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous components**

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	Classification (GB CLP Regulation)	
68512-30-1	Phenol, methylstyrenated	0.5 - < 1 %
	270-966-8	
	01-2119555274-38	
	Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 3; H315 H317 H412	

Full text of H and EUH statements: see section 16.

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**Specific Conc. Limits, M-factors and ATE**

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
68512-30-1	270-966-8	Phenol, methylstyrenated	0.5 - < 1 %
		inhalation: LC50 = > 4,92 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

First aider: Pay attention to self-protection!

**After inhalation**

Provide fresh air.

**After contact with skin**

Wash with plenty of water. Change contaminated clothing.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

**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**

Treat symptomatically.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**Unsuitable extinguishing media**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**

No risks worthy of mention.

**5.3. Advice for firefighters**

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

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

**General advice**

Wear personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

**Other information**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the

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recovered material as prescribed in the section on waste disposal.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

No special precautionary measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Advice on general occupational hygiene**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Further information on handling**

No special handling instructions are necessary.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

No special precautionary measures are necessary.

**Further information on storage conditions**

Keep cool. Protect from sunlight.

**7.3. Specific end use(s)**

Further information: see technical data sheet.

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**DNEL/DMEL values**

CAS No	Substance	DNEL type	Exposure route	Effect	Value
68512-30-1	Phenol, methylstyrenated	Consumer DNEL, long-term	oral		4 mg/kg bw/day
		Consumer DNEL, long-term	dermal		8 mg/kg bw/day
		Worker DNEL, long-term	dermal		16,4 mg/kg bw/day

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**PNEC values**

CAS No	Substance	Value
Environmental compartment		
68512-30-1	Phenol, methylstyrenated	
Freshwater		0,014 mg/l
Freshwater (intermittent releases)		0,14 mg/l
Marine water		0,0014 mg/l
Freshwater sediment		52,9 mg/kg
Marine sediment		5,3 mg/kg
Soil		10,5 mg/kg

**Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls**

**Appropriate engineering controls**

In case of inadequate ventilation wear respiratory protection.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Tested protective gloves are to be worn: Suitable material: NBR (Nitrile rubber). Butyl rubber. Thickness of glove material: 0,5 mm Breakthrough times and swelling properties of the material must be taken into consideration.

**Skin protection**

Only wear fitting, comfortable and clean protective clothing.

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Use only respiratory protection equipment with CE-symbol including four digit test number.

**SECTION 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	transparent
Odour:	characteristic
Melting point/freezing point:	- 27 °C
Boiling point or initial boiling point and boiling range:	> 300 °C
Flash point:	161 °C
Auto-ignition temperature:	370 °C
Water solubility:	Immiscible
Vapour pressure: (at 20 °C)	0,00024 hPa
Density:	1,1 g/cm <sup>3</sup>

**9.2. Other information**

**Information with regard to physical hazard classes**

Explosive properties

not explosive.

Oxidizing properties

Not oxidising.

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**Other safety characteristics**

Viscosity / dynamic:  
(at 20 °C)

70 mPa·s

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No risks worthy of mention.

**10.2. Chemical stability**

No risks worthy of mention.

**10.3. Possibility of hazardous reactions**

Exothermic reactions with: acid. Base. Oxidizing agents.

**10.4. Conditions to avoid**

Protect from direct sunlight.

**10.5. Incompatible materials**

No risks worthy of mention.

**10.6. Hazardous decomposition products**

Carbon dioxide.

**SECTION 11: Toxicological information**

**11.1. Information on hazard classes as defined in GB CLP Regulation**

**Toxicokinetics, metabolism and distribution**

No information available.

**Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
68512-30-1	Phenol, methylstyrenated				
	oral	LD50 > 2000 mg/kg	Rat		OECD 423
	dermal	LD50 > 2000 mg/kg	Rat		OECD 402
	inhalation (4 h) vapour	LC50 > 4,92 mg/l	Rat		OECD 403

**Sensitising effects**

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this mixture.

**Information on likely routes of exposure**

ingestion. inhalation.

**Specific effects in experiment on an animal**

No information available.

**Additional information on tests**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

**SECTION 12: Ecological information**

**12.1. Toxicity**

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
68512-30-1	Phenol, methylstyrenated					
	Acute fish toxicity	LC50 mg/l	25,8	96 h	Fish	OECD TG 203
	Acute algae toxicity	ErC50 mg/l	14 - 51	72 h	Algae	OECD TG 201
	Acute crustacea toxicity	EC50	15 mg/l	48 h	Daphnia magna	OECD TG 202

**12.2. Persistence and degradability**

Product is biodegradable.

**12.3. Bioaccumulative potential**

No indication of bioaccumulation potential.

**12.4. Mobility in soil**

No information available.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Water (with cleaning agent). Completely emptied packages can be recycled.

**SECTION 14: Transport information**

**Land transport (ADR/RID)**

**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)**

**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)**

**14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):**

No dangerous good in sense of this transport regulation.

**14.4. Packing group:**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

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<b>14.1. UN number or ID number:</b>	No dangerous good in sense of this transport regulation.
<b>14.2. UN proper shipping name:</b>	No dangerous good in sense of this transport regulation.
<b>14.3. Transport hazard class(es):</b>	No dangerous good in sense of this transport regulation.
<b>14.4. Packing group:</b>	No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

SECTION 6: Accidental release measures

SECTION 7: Handling and storage

SECTION 8: Exposure controls/personal protection

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

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

Restrictions on use (REACH, annex XVII):

Entry 40

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**Additional information**

0-3

**15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information****Changes**

This data sheet contains changes from the previous version in section(s): 14,15.

**Abbreviations and acronyms**ADR: Accord européen sur le transport des marchandises dangereuses par Route  
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Relevant H and EUH statements (number and full text)**

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.
EUH208	Contains Phenol, methylstyrenated. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product

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properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations. The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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