

Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



78086 Ethomeen® C 25

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Revised edition: 27.11.2017

Version: 3

Printed: 16.03.2021

1. Identification of the Substance/Mixture and of the Company/Undertaking

1.1. Product Identifier

Product Name: Ethomeen® C 25

Article No.: 78086

1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

Identified uses:

Dispersing agent

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

Company: Kremer Pigmente GmbH & Co. KG

Address: Hauptstr. 41-47, 88317 Aichstetten, Germany

Tel./Fax.: Tel +49 7565 914480, Fax +49 7565 1606

Internet: www.kremer-pigmente.com

E-Mail: info@kremer-pigmente.com

Importer: --

1.4. Emergency No.

Emergency No.: +49 7565 914480 (Mon-Fri 8:00 - 17:00)

1.4.2 Poison Center:

2. Hazards Identification

2.1. Classification of the Substance or Mixture

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

H302	Acute toxicity (oral), hazard category 4
Cat.: 4	Serious eye damage, hazard category 1
H318	Chronic aquatic toxicity, hazard category 3
Cat.: 1	Harmful if swallowed.
H412	Causes serious eye damage.
Cat.: 3	Harmful to aquatic life with long lasting effects.

Possible Environmental Effects:

2.2. Label Elements

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

Hazard designation:



GHS05-2

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GHS07

Signal word:

Danger

Hazard designation:

H302	Harmful if swallowed.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

Safety designation:

P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P310	Immediately call a poison center or physician.
P501	Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

Amines, coco alkyl, ethoxylated, CAS No. 61761-14-8

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

This product is a substance: see details under 3.2.

3.2. Mixture

Chemical Characterization: Polyoxyethylene(15) coco amine

Information on Components / Hazardous Ingredients:

Amines, coco alkyl, ethoxylated (H302-318-412)	90 - 100 %	CAS-Nr: 61791-14-8
		EINECS-Nr: 500-152-2
		EC-Nr:

Additional information:

SVHC (Candidate List of Substances of very High Concern): This product does not contain any substances of high concern (REACH Regulation 1907/2006/EC, Article 59). Exempted from the mandatory REACH Registration (Article 2; Polymers).

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

*Take person away from hazardous area.
Immediately get medical help.*

After inhalation:

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Supply fresh air. If required give artificial respiration. Keep patient warm.

Consult physician if symptoms persist.

After skin contact:

Remove contaminated clothing immediately.

Wash off with plenty of water and soap. Consult a physician if irritation persists.

After eye contact:

Remove contact lens. Rinse open eyes with plenty of water (10-15 min). Consult physician.

After ingestion:

Rinse mouth with water and give plenty of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.

4.2. Most important Symptoms and Effects, both Acute and Delayed

Symptoms:

No further information available.

Effects:

Harmful if swallowed.

Causes serious eye damage.

4.3. Indication of any Immediate Medical Attention and special Treatment needed

Treatment:

Treat symptomatically.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

Use extinguishing media for surrounding fire.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

In case of fire: formation of carbon oxides, nitrogen oxides.

Do not let extinguishing water enter the sewerage system or water courses.

5.3. Advice for Firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Further information:

Collect contaminated extinguishing water and debris separately; avoid contamination of sewage system.

Contaminated extinguishing water and debris should be disposed of according to local regulations.

6. Accidental Release Measures

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6. 1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal precautions:

*Wear protective clothing.
Ensure adequate ventilation.*

6. 2. Environmental Precautions

Environmental precautions:

Prevent contamination of soils, drains and surface water.

6. 3. Methods and Material for Containment and Cleaning Up

Methods and material:

Contain with absorbent material (sand, diatomaceous earth, acid binder, universal absorbent, saw dust) and dispose accordingly.

6. 4. Reference to other Sections

Protective clothing, see Section 8.

7. Handling and Storage

7. 1. Precautions for Safe Handling

Instructions on safe handling:

Wear adequate protective clothing (see para. 8).

Hygienic measures:

Do not eat or drink during work. Do not smoke.

7. 2. Conditions for Safe Storage, including any Incompatibilities

Storage conditions:

*Store in tightly sealed containers in a well ventilated location.
Protect product from direct sunlight.*

Requirements for storage areas and containers:

No special measures necessary.

Information on fire and explosion protection:

Keep away from sources of ignition - do not smoke.

Storage class:

3 B; combustible liquids (TRGS 510)

Further Information:

Store in a dry place.

7. 3. Specific End Use(s)

Further information:

No information available.

8. Exposure Controls/Personal Protection

8. 1. Parameters to be Controlled

Does not contain substances with occupational exposure limits.

Parameters to be controlled (DE):

Parameters to be controlled:

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Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation/exhaust system.

Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Personal Protection

General protective measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Required in case of insufficient ventilation (EN 143 or 149).

Recommended: respiratory mask with an ABEK-filter.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Neoprene

Nitrile rubber (NBR)

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

Protective clothing, chemical resistant safety shoes.

Environmental precautions:

Prevent contamination of open water ways and sewage system. Avoid contamination of ground water.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: liquid

Color: bright brown

Odor: amine-like

Odor threshold:

No information available.

pH-Value: 9 - 11 (1 % solution)

Melting temperature: -6°C

Boiling temperature: > 300°C

Flash point: 100 - 199°C

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<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>> 150°C</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>< 0.1 hPa (20°C)</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>1.045 kg/m³ (20°C)</i>
<i>Solubility in water:</i>	<i>soluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>no information available</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>200 mPa.s (20°C)</i>
<i>Explosive properties:</i>	<i>not explosive</i>
<i>Oxidizing properties:</i>	<i>not oxidizing</i>
<i>Bulk density:</i>	<i>not applicable</i>

9.2. Further Information

<i>Solubility in solvents:</i>	<i>Soluble in ethanol.</i>
<i>Viscosity, kinematic:</i>	<i>190 mm²/s (20°C)</i>
<i>Burning class:</i>	
<i>Solvent content:</i>	
<i>Solid content:</i>	
<i>Particle size:</i>	
<i>Other information:</i>	

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

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10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

None if used according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

No data available.

10.5. Incompatible Materials

No information available.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

11. 1. Information on Toxicological Effects

Acute Toxicity

Amines, coco alkyl, ethoxylated:

LD50, oral:

500 - 2000 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

No information available

Irritant effect on eyes:

Risk of severe eye damage.

Inhalation:

No information available.

Ingestion:

Harmful if swallowed.

Sensitization:

No relevant data found.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

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Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Additional toxicological information:

12. Ecological Information

12.1. Aquatic Toxicity

Toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Amines, coco alkyl, ethoxylated:

Fish toxicity:

LC50: 1 - 10 mg/l (96h, Onchorhynchus mykiss; OECD 203)

Daphnia toxicity:

EC50: 1 - 10 mg/l (48h, Daphnia magna; OECD 202)

Bacteria toxicity:

No data available.

Algae toxicity:

NOEC: 0.1 - 1 mg/l (72h, algae)

12.2. Persistency and Degradability

Readily biodegradable (OECD 301B).

12.3. Bioaccumulation

No bioaccumulation expected.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

On the basis of available data, the product does not contain and PBT or vPvB in percentage greater than 0.1 %.

12.6. Other Adverse Effects

Water hazard class:

2 (German Regulation) (Assessment by list): hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

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14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

ADR/RID:

No hazardous goods according to ADR (land transportation).

IMDG/IATA:

No hazardous goods according to IMDG.

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

Hazard no.:

EmS No.:

IATA Class:

not applicable

Hazard no.:

14.4. Packaging Group

ADR/RID:

not applicable

IMDG:

IATA:

14.5. Environmental Hazards

None

14.6. Special Precautions for User

Not classified as a dangerous good under transport regulations.

14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

not applicable

14.8. Further Information

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

Water hazard class:

2, hazardous for water (German Regulation)

Local regulations on chemical accidents:

Seveso III Directive: not applicable under Directive 2012/18/EC.

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Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

Not applicable.

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product. Exempted from the mandatory REACH Registration since this product is a polymer.

15.3. Further Information

Listed in the following inventories:

EINECS (269-056-3), TSCA (US), AICS (AUS), DSL/NDL (CA), ENCS/ISHL (JP), KECI (KR), PICCS (PH), NZIoC (NZ), INV (CH), IECSC (CN), CICR (TR), TCSI (TW), INSQ (MX)

16. Other Information

This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.