

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date: 02.02.2012

Version: 1

Revision: 07.30.2013

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

- **1.1 Product identifier**
- **Trade name:** CremerCOOR® EHP
- **CAS Number:**
29806-73-3
- **EC number:**
249-862-1
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** -
- **Uses advised against:** -
- **Application of the substance / the preparation:** Cosmetic raw material
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
CHEMTREC: 1-800-424-9300 (US and Canada) | 1-703-527-3887 (For calls originating elsewhere)

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008** The substance is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** not applicable
- **Information concerning particular hazards for human and environment:**
According to current European laws and regulations the product is not dangerous or toxic material (based on the available data).
- **2.2 Label elements**
- **Labeling according to Regulation (EC) No 1272/2008** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.1 Chemical characterization: Substances**
- **CAS No. Description:**
29806-73-3 2-Ethylhexylpalmitat
- **Identification number(s):**
- **EC number:** 249-862-1

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** If symptoms persist or in case of doubt, seek medical advice.
- **After inhalation:** Supply fresh air; consult a doctor in case of pain.
- **After skin contact:**
Wash with water and soap.
If symptoms persist, consult a doctor.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
Rinse out mouth and then drink plenty of water. If symptoms persist, consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** Symptomatic treatment

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** High volume water jet
- **5.2 Special hazards arising from the substance or mixture**
In case of fire, the following can be released:
Carbon monoxide and carbon dioxide
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Avoid contact with eyes and skin. Do not breathe aerosol or vapors.
Do not smoke - keep ignition sources away
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:**
Dam up larger quantities and pump into containers.
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Make sure to recycle or dispose of in suitable receptacles.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Avoid contact with eyes and skin.

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- **Information about protection against explosions and fires:**



Keep ignition sources away - Do not smoke.

Observe the general rules of industrial fire protection.

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

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Keep receptacle well sealed and storage at a well-ventilated area.

Appropriated container material

Stainless steel

- **Information about storage in one common storage facility:**

Store away from foodstuffs. Store

away from feed. Store away from acids.

Do not store together with alkalis (caustic solutions).

- **Further information about storage conditions:** Protect from heat and direct sunlight.

- **Storage class:** 10 Combustible liquids

- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:**

Install appropriate mechanical ventilation. No further data; see item 7.

- **8.1 Control parameters**

- **Components with limit values that require monitoring at the workplace:** Not required.

- **Additional information:** The lists that were valid during the creation were used as basis.

- **8.2 Exposure controls**

- **Personal protective equipment:**

- **General protective and hygienic measures:**

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

Immediately remove soiled, soaked clothing and use again only after washing. Avoid contact with the eyes and skin.

Do not inhale gases / fumes / aerosols.

Wash hands before breaks and at the end of work.

- **Breathing equipment:** If vapors form, use suitable respiratory protective device

- **Protection of hands:**

Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

- **Penetration time of glove material:**

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:** Tightly sealed goggles.

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- **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and chemical properties	
• General Information:	
• Appearance:	
Form:	Liquid Yellow
Color:	Amber colored Characteristic
• Odor:	Not determined.
• Odor threshold:	Not determined.
• pH-value:	
• Change in condition:	-1°C
Melting point/Melting range:	> 150°C
Boiling point/Boiling range:	0°C (-4/+2)
Solidification point:	210°C (ASTM D92) Not
• Flash point:	applicable.
• Flammability (solid, gaseous):	
• Ignition temperature:	Not determined.
Decomposition temperature:	> 250°C
• Self ignition temperature:	Product does not present an explosion hazard.
• Danger of explosion:	
• Explosion limits:	Not applicable Not applicable
Lower:	Not determined.
Upper:	Not determined.
• Vapor pressure:	0.859 g/cm ³
• Density at 20°C:	Not determined. Not
• Relative density:	determined. Not
• Vapor density:	determined.
• Evaporation rate:	
• Solubility in / Miscibility with Water at 20°C:	8.2 x 10 ⁻⁶ g/l
• Segregation coefficient (n-octanol/water): (Estimated)	5,9
• Viscosity:	
dynamic at 40°C:	7-9 cSt
kinematic:	Not determined.
• 9.2 Other information	Soluble in oils Soluble in most organic solvents.

SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used and stored according to specifications.

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- **10.3 Possibility of hazardous reactions** If heated above flash point, explosive vapor/air mixtures may be formed.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
Strong bases Strong acids
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products, if instructions for storage and handling are followed.

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:**
- **LD/LC50 values that are relevant for classification:**
Oral LD₅₀ > 6900 mg/kg (rat)
Dermal LD₅₀ > 8100 mg/kg (rabbit)
- **Primary irritant effect:**
- **on the skin:** No irritating effect.
- **on the eye:** No data available.
- **Sensitization:** No sensitizing effects known.
- **Other information (about experimental toxicology):**
Mutagenicity (Salmonella typhimurium): negative
RA CAS: 85049-37-2
- **Carcinogenic, mutagenic effects and adverse effects on reproduction:**
Presently available data show no carcinogenic, mutagenic or teratogenic effects.
- **Subacute to chronic toxicity:**
- **STOT-single exposure** No data available.
- **STOT-repeated exposure:** No data available.
- **Additional toxicological information:**
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
The substance is not subject to classification according to the latest version of the EU lists.
- **Repeated dose toxicity:**
Oral NOAEL 6.25 mg/kg/day (rat)
RA CAS: 123-95-5

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
No harmful effect on fish, daphnia and algae up to its limit of solubility.
EC₅₀/24h 17 mg/l (Daphnia magna) (OECD 202)
RA CAS: 85049-37-2
EC₅₀/96h 40 mg/l (Scenedesmus subspicatus) (OECD 201)
RA CAS: 85049-37-2
LC₅₀/96h 3200 mg/l (fish) (ISO 7346/1-3)
RA CAS: 85049-37-2
- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:**
The product is easily biodegradable.
Biological degradation: 85 % after 28 days
- **12.3 Bioaccumulative potential** No further relevant information available.
- **BCF:**
(Estimated)
126
- **12.4 Mobility in soil** No further relevant information available.

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- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Disposal according to instructions of local authorities.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

SECTION 14: Transport information

• 14.1 UN-Number • ADR, ADN, IMDG, IATA	Void
• 14.2 UN proper shipping name • ADR • ADN, IMDG, IATA	Void
• 14.3 Transport hazard class(es) • ADR, ADN, IMDG, IATA • Class	Void
• 14.4 Packing group • ADR, IMDG, IATA	Void
• 14.5 Environmental hazards: • Marine pollutant:	No Not applicable.
• 14.6 Special precautions for user	
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	-

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **National regulations**
- **Water hazard class:**
Generally not hazardous for water. according to VwVw from 27.7.2005
Ident number.: 838
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:**

Peter Cremer North America
3117 Southside Avenue
Cincinnati, OH 45204
USA
Tel: (513) 471-7200
Toll: (877) 901-7262
Fax: (513) 244-7775

- **Contact:** Sarah Keyes

- **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
RID: Regulations Concerning the International Transport of Dangerous Goods by Rail
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
GHS: Globally Harmonized System of Classification and Labeling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent

- **Sources:** external safety data sheet

EPA (Environmental Protection Agency/USA)

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