

Safety Data Sheet

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



77200 Latex Milk

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Revised edition: 24.09.2019

Version: 6

Printed: 10.10.2022

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

1.1. Product Identifier

Product Name: Latex Milk
Article No.: 77200
UFI: --

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

Identified uses:
Raw material
Elastomer for the manufacture of various rubber products.

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)

This product does not require classification and labelling as hazardous according to CLP/GHS.

Possible Environmental Effects:

2.2. Label Elements

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

No classification required according to the CLP/GHS guidelines.

Hazard designation:

Not applicable.

Signal word:

Hazard designation:

Safety designation:

P261	Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/ clothing/ eye/ face protection.
P501	Dispose of contents/ container according to regional, national and

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international regulations.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Natural rubber latex (NR), centrifuged polymer dispersion 60% (CAS No. 9006-04-6, EINECS 232-689-0)

Information on Components / Hazardous Ingredients:

Latex, natural rubber	> 99 %	CAS-Nr: 9006-04-6 EINECS-Nr: 232-689-0 EC-Nr:
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Ammonia solution (H302-314-335-400); REACH Reg. No. 01-2119488876-14	< 1.0 %	CAS-Nr: 1336-21-6 EINECS-Nr: 215-647-6 EC-Nr: 007-001-01-2
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Additional information:

Exempted from the mandatory REACH Registration since this product is a polymer as well as a natural product.

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

Supply fresh air and seek medical advice in case of complaints.

After skin contact:

Remove contaminated clothing immediately. Wash off with luke water and soap.

After eye contact:

Rinse open eyes with plenty of water for at least 15 minutes. Consult physician.

After ingestion:

*Rinse mouth with water and drink plenty of water.
Never give anything by mouth to an unconscious person.
Immediately get medical help.*

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

Symptoms:

*Irritating.
Irritates eyes, skin and respiratory system.
The proteins from latex can cause allergic reactions, consult a physician.
Inhalation: pungent odor, ammoniac fumes can be irritating to the*

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respiratory system.

Effects:

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:

Foam, carbon dioxide (CO₂), extinguishing powder, water spray, water mist.

Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media:

Water with full jet.

5. 2. Special Hazards arising from the Substance or Mixture

Special hazards:

Product is not flammable.

In case of fire: formation of toxic or flammable gases.

5. 3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

Wear self-contained respiratory protective device.

Further information:

Cool exposed containers with water spray.

6. Accidental Release Measures

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

Personal precautions:

Wear appropriate protective equipment. Keep spectators away.

Avoid contact with skin and eyes. Do not ingest or inhale.

6. 2. Environmental Precautions

Environmental precautions:

Do not allow entering sewage system.

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

Methods and material:

Take up mechanically and collect in suitable containers for disposal.

6. 4. Reference to other Sections

For information for safe handling see Section 7.

Protective clothing, see Section 8.

Dispose of contaminated material according to Section 13.

7. Handling and Storage

7. 1. Precautions for Safe Handling

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Instructions on safe handling:

*Avoid contact with eyes and skin.
Do not breathe vapors, aerosols.
Provide adequate ventilation.*

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 cool and well ventilated location.
Protect from frost.
Protect against humidity.*

Requirements for storage areas and containers:

Information on fire and explosion protection:

Do not store together with: oxidants.

Storage class:

Further Information:

Storage temperature: 7 - 35°C

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

Parameters to be controlled (DE):

Ammonium solution (CAS 1336-21-6):

Parameters to be controlled:

*Natural latex (CAS 9006-04-6): TWA (8h, inhalable aerosol): 0.001 mg/m³ (8h; BE, ES); 0.0001 mg/m³ (CAN)
Ammonium solution: TWA 20 ppm (OEL); KZW 50 ppm (OEL); MAK 35 mg/m³ 50 ppm (TRGS 900); TWA 14 mg/m³ 20 ppm (OEL); KZW 36 mg/m³ 50 ppm (OEL)*

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Provide adequate ventilation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke

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during work. Wash hands before breaks and at the end of work.

Respiratory protection:

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

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Nitrile rubber (> 480 min, > 0.38 mm)

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

Protective clothing.

Safety shoes.

Environmental precautions:

Prevent from getting into the soil, surface water and sewage system.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>liquid</i>
<i>Color:</i>	<i>milky white</i>
<i>Odor:</i>	<i>ammonium-like</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>10 - 11</i>
<i>Melting temperature:</i>	<i>not available</i>
<i>Boiling temperature:</i>	<i>100°C</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	
<i>Flammability (solid, gas):</i>	<i>not applicable</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>not applicable</i>
<i>Vapor density:</i>	
<i>Density:</i>	<i>0.947 g/cm³ (20°C)</i>

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<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>Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not available</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	<i>no information available</i>
<i>Bulk density:</i>	

9.2. Further Information

<i>Solubility in solvents:</i>	
<i>Viscosity, kinematic:</i>	
<i>Burning class:</i>	
<i>Solvent content:</i>	
<i>Solid content:</i>	
<i>Particle size:</i>	
<i>Other information:</i>	<i>No further information.</i>

10. Stability and Reactivity

10.1. Reactivity	<i>Stable if used according to specifications.</i>
10.2. Chemical Stability	<i>Stable if used according to specifications.</i>
10.3. Possibility of Hazardous Reactions	<i>Reacts with strong oxidants.</i>
10.4. Conditions to Avoid	
<i>Conditions to avoid:</i>	<i>Avoid contact with heat, sparks and open fire.</i>
<i>Thermal decomposition:</i>	
10.5. Incompatible Materials	<i>Oxidizing agents and acids.</i>
10.6. Hazardous Decomposition Products	<i>In case of fire: formation of carbon and nitrogen oxides.</i>

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10.7. Further Information

11. Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity

The product is not expected to be acutely toxic.

LD50, oral:

Ammonia solution: 350 mg/kg (rat)

LD50, dermal:

No information available.

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Prolonged and/or repeated skin contact can cause slight skin irritation.

Irritant effect on eyes:

No irritant effect known.

Particles may cause mechanical irritation.

Inhalation:

Can cause irritation of the respiratory system.

Ingestion:

No information available

Sensitization:

May cause sensitization by skin contact or by absorption in the lungs.

Mutagenicity:

No relevant data found.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

No relevant data found.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

Repeated exposure: repeated exposure can cause adverse lung effects.

Additional toxicological information:

Handle in accordance with good industrial hygiene and safety practice.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

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Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

No information available.

12.3. Bioaccumulation

No information available.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

No data available.

12.6. Other Adverse Effects

Water hazard class:

Do not let product contaminate ground water, waterways or sewage system.

Behaviour in sewage systems:

Further ecological effects:

No ecological problems expected.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

If possible reuse product.

Dispose of according to official national and local regulations.

European Waste Code (EWC):

160000 - WASTES NOT OTHERWISE SPECIFIED IN THE LIST

160700 - Wastes from transport tank, storage tank and barrel cleaning (except 05 and 13)

160709 - Wastes containing other dangerous substances

070000 - WASTES FROM ORGANIC CHEMICAL PROCESSES

070212 - Sludges from on-site effluent treatment other than those mentioned in 070211

191204 - Plastic and rubber

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA

14.2. UN Proper Shipping Name

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ADR/RID:

No hazardous goods according to ADR / DOT (US) (land transportation).

IMDG/IATA:

Not hazardous goods

14.3. Transport Hazard Classes

ADR Class:

not applicable

Hazard no.:

Classification code:

Tunnel restriction code:

IMDG Class (sea):

not applicable

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

Latex, ammonia (1% or less) - inhibited

Type of vessel: 3, Hazard: S/P, Impact category: Y

14.8. Further Information

Not classified as a dangerous good under transport regulations.

15. Regulatory Information

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

Water hazard class:

1, slightly hazardous for water (German Regulation, Assessment by list)

Local regulations on chemical accidents:

Employment restrictions:

The employment restrictions for young workers in accordance with

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the Youth Employment Protection Law are to be observed.

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15.3. Further Information

Listed in the following inventories:

*EINECS (EU), TSCA (US), DSL (CA), PICCS (PH), KECI (KR),
IECSC (CN)*

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.