

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

## NATURLATEX LA / BULK

Version 4.1

Print Date 30.08.2016

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

#### 1.1. Product identifier

Trade name : NATURLATEX LA / BULK

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

Use of the Substance/Mixture : Binding agents

Uses advised against : At this moment we have not identified any uses advised against

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

Company : Brenntag Nordic A/S  
Borupvang 5 B  
DK 2750 Ballerup  
Telephone : +45 43 29 28 00  
Telefax : +45 43 29 27 00  
E-mail address : SDS.DK@brenntag-nordic.com  
Responsible/issuing person : Environment & Quality

#### 1.4. Emergency telephone number

Emergency telephone number : In case of personal injury call:  
Denmark: 82 12 12 12 Giftlinien, Bispebjerg Hospital  
Finland: Poison Information Centre: (09) 471 977 (direct) or (09) 47 11 (exchange), open 24h/day  
Norway: 22 59 13 00 Giftinformasjonen (døgnåpent)  
Sweden: +46-8-331231 Giftinformationscentralen (24 hour service)  
Outside these countries: Please call your local emergency services

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

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### Classification according to EU Directives 67/548/EEC or 1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws.

### Most important adverse effects

- Human Health : Prolonged exposure causes local irritation of skin and mucous membranes, especially to the eyes.
- Physical and chemical hazards : Above 220°C it will start to decompose, finally emitting vapours which may be toxic and flammable at temperatures around 300°C.
- Potential environmental effects : According to available data, this product is not harmful to the environment.

## 2.2. Label elements

### Labelling according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

### Additional Labelling:

EUH210 Safety data sheet available on request.

## 2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)		Classification (67/548/EEC)
		Hazard class / Hazard category	Hazard statements	
ammonia				
Index-No. : 007-001-01-2	0,2	Skin Corr.1B	H314	Corrosive; C; R34 Dangerous for the environment; N; R50
CAS-No. : 1336-21-6		Aquatic Acute1	H400	
EC-No. : 215-647-6		STOT SE3	H335	

For the full text of the R-phrases mentioned in this Section, see Section 16.

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For the full text of the H-Statements mentioned in this Section, see Section 16.

### Non-hazardous component

Chemical Name	Identification Number	Amount [%]
Rubber, natural	CAS-No. : 9006-04-6 EC-No. : 232-689-0	60

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- General advice : When symptoms persist or in all cases of doubt seek medical advice.
- If inhaled : Move to fresh air. Keep at rest. If symptoms persist, call a physician.
- In case of skin contact : Remove contaminated clothing and shoes. Wash off with soap and water. If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
- If swallowed : Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Take victim immediately to hospital.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms : See Section 11 for more detailed information on health effects and symptoms.
- Effects : See Section 11 for more detailed information on health effects and symptoms.

### 4.3. Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : Water jet.

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

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Specific hazards during firefighting : Natural rubber latex, being a water dispersion, cannot be ignited and therefore is not a fire hazard. Latex which has been allowed to dry out completely will be have similarly to raw natural rubber.

**5.3. Advice for firefighters**

Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.  
Further advice : No further information available.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : For personal protection see section 8.

**6.2. Environmental precautions**

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil. In case of large spillage contact the local authority.

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

Methods and materials for containment and cleaning up : Stop the leakage if it can be done without danger. Wear personal protective equipment. Soak up with inert absorbent material. Shovel into suitable container for disposal. See also section 13: Disposal Considerations.

**6.4. Reference to other sections**

See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Advice on safe handling : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Provide for good ventilation. Mechanical ventilation can be needed. Possibility to wash the eye at the place of work.

Hygiene measures : Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and immediately after handling the product.

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

Requirements for storage areas and containers : Keep tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

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Storage period : 6 Months

### 7.3. Specific end use(s)

Specific use(s) : No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

<b>Component:</b>	<b>ammonia</b>	<b>CAS-No. 1336-21-6</b>
<b>Other Occupational Exposure Limit Values</b>		

EU ELV, Time Weighted Average (TWA):  
20 ppm, 14 mg/m<sup>3</sup>  
Indicative

EU ELV, Short Term Exposure Limit (STEL):  
50 ppm, 36 mg/m<sup>3</sup>  
Indicative

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation.

Use adequate ventilation and/or engineering controls in high temperature processing to prevent exposure to vapors.

Exposure may primarily be reduced by choice of working method and technical measures.

#### Personal protective equipment

##### *Respiratory protection*

Advice : In case of insufficient ventilation, wear suitable respiratory equipment.  
Recommended Filter type:K

##### *Hand protection*

Advice : Choose right chemical protection as:  
Nitrile rubber  
Neoprene gloves  
Protective gloves should be replaced at first signs of wear.

##### *Eye protection*

Advice : Safety glasses

##### *Skin and body protection*

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Advice : Wear suitable protective clothing.

**Environmental exposure controls**

General advice : The product should not be allowed to enter drains, water courses or the soil.  
In case of large spillage contact the local authority.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Form	: liquid
Colour	: white
Odour	: ammoniacal
Odour Threshold	: no data available
pH	: ca. 11
Freezing point	: no data available
Boiling point	: no data available
Flash point	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: no data available
Vapour pressure	: no data available
Relative vapour density	: no data available
Density	: 940 g/cm <sup>3</sup>
Water solubility	: miscible
Partition coefficient: n-octanol/water	: no data available
Auto-ignition temperature	: no data available
Thermal decomposition	: no data available
Viscosity, dynamic	: no data available
Explosivity	: no data available

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Oxidizing properties : no data available

**9.2. Other information**

No further information available.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

Advice : Stable under recommended storage conditions.

**10.2. Chemical stability**

Advice : Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Hazardous reactions : No dangerous reaction known under conditions of normal use.

**10.4. Conditions to avoid**

Conditions to avoid : > 220 °C

**10.5. Incompatible materials**

Materials to avoid : Oxidizing agents

**10.6. Hazardous decomposition products**

Hazardous decomposition products : Above 220°C it will start to decompose, finally emitting vapours which may be toxic and flammable at temperatures around 300°C.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity****Oral**

Rubber may coagulate in stomach. Contact immediately a doctor.

**Inhalation**

Inhalation may cause pain and cough.  
High concentration may cause difficulty in breathing.

**Dermal**

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no data available

**Irritation****Skin**

Result : Skin contact may cause irritation. Prolonged and repeated exposure may cause pain and redness.

**Eyes**

Result : May cause strong pain.

**Sensitisation**

no data available

**CMR effects****CMR Properties**

Carcinogenicity : no data available

Mutagenicity : no data available

Reproductive toxicity : no data available

**Specific Target Organ Toxicity****Single exposure**

no data available

**Repeated exposure**

no data available

**Other toxic properties****Repeated dose toxicity**

no data available

**Aspiration hazard**

no data available

**SECTION 12: Ecological information**



**NATURLATEX LA / BULK****12.1. Toxicity**

<b>Component:</b>	<b>ammonia</b>	<b>CAS-No. 1336-21-6</b>
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**Acute toxicity****Fish**

LC50 : 0,53 mg/l (Oncorhynchus mykiss; 96 h)

LC50 : 0,75 - 3,4 mg/l (Pimephales promelas; 96 h)

**Toxicity to daphnia and other aquatic invertebrates**

EC50 : 24 mg/l (Daphnia magna; 48 h)

**Bacteria**

EC50 : 2 mg/l (Photobacterium phosphoreum; 5 min)

**12.2. Persistence and degradability****Persistence and degradability****Biodegradability**

Result : Readily biodegradable

**12.3. Bioaccumulative potential****Bioaccumulation**

Result : This information is not available.

**12.4. Mobility in soil****Mobility**

Result : Miscible in water

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

Result : no data available

**NATURLATEX LA / BULK****12.6. Other adverse effects****Additional ecological information**

Result : Do not flush into surface water or sanitary sewer system.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

- Product : In accordance with local and national regulations.
- Contaminated packaging : Dispose of contaminated packaging in the same way as the product.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

**SECTION 14: Transport information**

Not dangerous goods for ADR, RID, IMDG and IATA.

**14.1. UN number**

Not applicable.

**14.2. UN proper shipping name**

Not applicable.

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

Not applicable.

**14.4. Packaging group**

Not applicable.

**14.5. Environmental hazards**

Not applicable.

**14.6. Special precautions for user**

Not applicable.

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

IMDG : Not applicable.

**SECTION 15: Regulatory information**

**NATURLATEX LA / BULK****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Other regulations : Only persons, who are thoroughly instructed in the dangerous properties and the necessary safety precautions of the substance, are allowed to work with it.

**15.2. Chemical Safety Assessment**

no data available

**SECTION 16: Other information****Full text of R-phrases referred to under sections 2 and 3.**

R34 Causes burns.  
R50 Very toxic to aquatic organisms.

**Full text of H-Statements referred to under sections 2 and 3.**

H314 Causes severe skin burns and eye damage.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.

**Further information**

Key literature references : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Other information : The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship. The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

|| Indicates updated section.