SAFETY DATA SHEET
Bijlard Latex 330

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

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

1.1. Product identifier

Product name Bijlard Latex 330

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

Identified uses For use in latex compounding

Uses advised against Non-industrial, non-professional uses.

1.3. Details of the supplier of the safety data sheet

Supplier

Bijlard International
Postbus 398 2700
AJ Zoetermeer
The Netherlands
0031 79 343 7538
0031 79 343 7539
info@bijlard.com

1.4. Emergency telephone number

Emergency telephone 00441619983226 Monday - Friday (8.15am-4.45pm)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements NC Not Classified

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Precautionary statements

P261 Avoid breathing vapour/ spray.
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves.
P280 Wear protective clothing.
P280 Wear eye protection.
P284 [In case of inadequate ventilation] wear respiratory protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+P352 IF ON SKIN: Wash with plenty of water.
P313 Get medical advice/ attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice/ attention.
P404 Store in a closed container.
P501 Dispose of contents/ container in accordance with national regulations.

Labelling notes As supplied, this product does not meet the requirements for labelling.

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. This product contains Ammonia which if inhaled may give rise to respiratory irritation.

SECTION 3: Composition/information on ingredients

3.1. Substances

Content

3.2. Mixtures

AMMONIA **<1.0%**

CAS number: 1336-21-6 EC number: 215-647-6 REACH registration number: 01-2119488876-14-XXXX

M factor (Acute) = 1

Classification
Skin Corr. 1B - H314
Eye Dam. 1 - H318
STOT SE 3 - H335
Aquatic Acute 1 - H400

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Ingredient notes Colloidal dispersion of Natural Rubber particles in water.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Consult a physician for specific advice.

Inhalation Move affected person to fresh air at once.

Ingestion Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention if any discomfort continues.

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Skin contact	Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

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

General information	Get medical attention promptly if symptoms occur after washing. Users should be aware of the risk posed by residual protein in articles produced from natural rubber latex which can give rise to an allergic reaction in sensitised individuals.
Inhalation	This product contains a small amount of ammonia and May cause respiratory system irritation.
Ingestion	May cause discomfort if swallowed. Get immediate medical attention as latex coagulates in the digestive tract. Do not induce vomiting.
Skin contact	Prolonged skin contact may cause redness and irritation.
Eye contact	Prolonged contact may cause redness and/or tearing.

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

Notes for the doctor	Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire. The product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Does not decompose when used and stored as recommended. No unusual fire or explosion hazards noted.
Hazardous combustion products	Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Move containers from fire area if it can be done without risk. Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Follow precautions for safe handling described in this safety data sheet. For personal protection, see Section 8. Avoid breathing gas, fume, vapours or spray. Do not eat, drink or smoke when using this product.

6.2. Environmental precautions

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Environmental precautions Avoid discharge into drains. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Remove spillage with vacuum cleaner or collect with a shovel and broom, or similar. Avoid the spillage or runoff entering drains, sewers or watercourses. Drying or coagulation with aluminium sulphate, or similar material.

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. For waste disposal, see section 13. Collect and dispose of spillage as indicated in Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Avoid spilling. Avoid contact with skin and eyes. Eye wash facilities and emergency shower must be available when handling this product. If ventilation is inadequate, suitable respiratory protection must be worn. As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Advice on general occupational hygiene Eye wash facilities and emergency shower must be available when handling this product. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container. Store at temperatures between 15°C and 20°C. Avoid heat. Avoid freezing. Unsuitable containers: common metals (iron, aluminium, copper). Equipment used for latex must be cleaned regularly to avoid development of micro-organisms.

Storage class Recommended storage temperature 5-30 Celsius

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

Usage description Provide sufficient air exchange and/or exhaust in work rooms. Exhaust ventilation is necessary if the product is to be sprayed. Contact with skin and eyes and inhalation of vapours must be avioded under all circumstances.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

AMMONIA

Long-term exposure limit (8-hour TWA): WEL 25 ppm 18 mg/m³
Short-term exposure limit (15-minute): WEL 35 ppm 25 mg/m³
WEL = Workplace Exposure Limit.

AMMONIA (CAS: 1336-21-6)

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DNEL	Industry - Inhalation; Long term local effects: 14 mg/m³ Industry - Inhalation; Long term systemic effects: 47.6 mg/m³ Industry - Dermal; Long term systemic effects: 6.8 mg/kg/day Industry - Dermal; Short term systemic effects: 6.8 mg/kg/day Consumer - Oral; Long term systemic effects: 6.8 mg/m³ Consumer - Inhalation; Long term systemic effects: 23.8 mg/m³ Consumer - Dermal; Long term systemic effects: 6.8 mg/kg/day Consumer - Inhalation; Short term local effects: 7.2 mg/m³ Industry - Inhalation; Short term local effects: 36 mg/m³
PNEC	- Fresh water; 0.001 mg/l - marine water; 0.0011 mg/l

8.2. Exposure controls

Protective equipment

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. The following protection should be worn: Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374. Wear protective gloves made of the following material: Neoprene. Nitrile rubber.
Other skin and body protection	Provide eyewash station and safety shower. Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
Hygiene measures	Provide eyewash station. Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Respirator selection must be based on exposure levels, the hazards of the product and the safe working limits of the selected respirator. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140. Wear a respirator fitted with the following cartridge: Gas filter, type K.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions. Avoid the spillage or runoff entering drains, sewers or watercourses. For waste disposal, see Section 13.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance	Liquid.
Colour	Milky. White.
Odour	Ammonia.
Odour threshold	Not relevant. Not relevant.
pH	Not relevant.
Melting point	Not determined.
Initial boiling point and range	°C @
Flash point	Not relevant.
Evaporation factor	Not determined.
Upper/lower flammability or explosive limits	Not relevant. : : Not relevant.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	Not relevant.
Bulk density	Not determined.
Solubility(ies)	Not determined. Miscible with water.
Partition coefficient	Not relevant.
Auto-ignition temperature	Not relevant.
Decomposition Temperature	Not determined.
Viscosity	Not relevant.
Density	
Relative vapour density	
Water solubility	
Viscosity, dynamic	

9.2. Other information

Other information	Not relevant.
Solvent content:	
Solids content:	
Water:	

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures. Avoid excessive heat for prolonged periods of time. Avoid contact with acids. Avoid contamination with copper, manganese, brass iron and zinc as this could cause discouloration and breakdown of the compound. Natural latex matures during storage. It is advisable to use the oldest latex first (stock rotation)

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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Avoid contact with acids and alkalis. Avoid heat.

10.4. Conditions to avoid

Conditions to avoid Avoid freezing. Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials to avoid Strong acids. Strong oxidising agents. Alcohols. Inorganic salts. Organic salts.

10.6. Hazardous decomposition products

Hazardous decomposition products Oxides of carbon. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given for the mixture in sect 3 is based upon the results of the calculation method. Some of the information given is also taken from data given for the individual ingredients of the mixture.

Other health effects May cause eye and respiratory system irritation. Workers exposed to products containing natural rubber latex may develop symptons of irritation and/or allergic reactions such as skin rashes , nasal, eye or sinus symptons; and in rare cases anaphalactic shock.

Acute toxicity - oral

Notes (oral LD_{50}) The product is not expected to be acutely toxic

Acute toxicity - dermal

Notes (dermal LD_{50}) Not determined. Data lacking.

Acute toxicity - inhalation

Notes (inhalation LC_{50}) Not determined. Data lacking.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Extreme pH Not determined.

Serious eye damage/irritation

Serious eye damage/irritation Not determined. Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met. However exposure to high levels of rubber dust may lead to irritation of the respiratory tract.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Not determined. Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity Not determined. Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Not determined. Based on available data the classification criteria are not met.

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Specific target organ toxicity - single exposure

STOT - single exposure Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Based on available data the classification criteria are not met.

Aspiration hazard

Aspiration hazard Based on available data the classification criteria are not met.

General information Extensive use of the product in areas with inadequate ventilation may result in the accumulation of hazardous vapour concentrations. This product smells strongly of ammonia, and should be handled in a well ventilated area. See section 8 for recommendations on use

Inhalation May cause respiratory system irritation.

Ingestion Liquid irritates mucous membranes and may cause abdominal pain if swallowed. If injested can cause nausea, vomiting and gastric irritation.

Skin contact Liquid may irritate skin.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards see above

Route of exposure Skin and/or eye contact Ingestion.

Target organs Eyes Skin Respiratory tract

Medical symptoms Irritation of eyes and mucous membranes. Skin irritation. Liquid irritates mucous membranes and may cause abdominal pain if swallowed.

SECTION 12: Ecological information

Ecotoxicity Not regarded as dangerous for the environment.

Acute aquatic toxicity

Chronic aquatic toxicity

12.1. Toxicity

Toxicity Information given for the mixture in sect 3 is based upon the results of the calculation method. Some of the information given is also taken from data given for the individual ingredients of the mixture. Not considered toxic to fish.

Acute aquatic toxicity

Acute toxicity - fish Not determined.

Acute toxicity - aquatic invertebrates Not determined.

Acute toxicity - aquatic plants Not determined.

Acute toxicity - microorganisms Not determined.

Chronic aquatic toxicity

Chronic toxicity - fish early life stage Not determined.

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Short term toxicity - embryo and sac fry stages Not determined.

Chronic toxicity - aquatic invertebrates Not determined.

Chronic toxicity in fish

12.2. Persistence and degradability

Persistence and degradability There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not relevant.

12.4. Mobility in soil

Mobility The product contains substances which are water-soluble and may spread in water systems.

Enviromental distribution

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. When handling waste, the safety precautions applying to handling of the product should be considered. Waste is suitable for incineration. Recycle waste where possible. Latex or water containing latex may be stored in a sttling down tank, then coagulated with alumininium sulphate, iron or calcium chloride, or similar material. An absorbent material may be used. After coagulation/absorbtion, shovel into appropriate containers for disposal in accordance with local regulations.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Product

Uncleaned packaging

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

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14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Not applicable.

Segregation Code

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information

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

National regulations	Health and Safety at Work etc. Act 1974 (as amended). Control of Substances Hazardous to Health Regulations 2002 (as amended). The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commision Regulation (EU) No 453/2010 of 20 May 2010
Guidance	L131 Approved Classification and Labelling Guide (Sixth Edition) EH40/2005 Workplace exposure limits
Health and environmental listings	This product does not contain any of the chemicals listed on the candidate list of Substances of Very High Concern
Authorisations (Annex XIV Regulation 1907/2006)	No specific authorisations are known for this product.
Restrictions (Annex XVII Regulation 1907/2006)	No specific restrictions on use are known for this product.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

General information	Only trained personnel should use this material.
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	31/10/2023

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Revision	3
Supersedes date	20/09/2017
SDS number	21251
SDS status	Approved.
Hazard statements in full	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation. H400 Very toxic to aquatic life.