

O63021 Hide glue, granules

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1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* Hide glue, granules*Article No.:* O63021*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*
Industrial application*Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:* +31(0)55-5215016*Internet:* www.labshop.nl*E-Mail:* labshop@labshop.nl*Importer:* --**1.4. Emergency No.***Emergency No.:* 112 (24 hours a day)**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)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Hazard designation:*
Not applicable.*Signal word:**Hazard designation:**Safety designation:**Hazardous components for labelling:***2.3. Other Hazards**

3. Composition/Information on Ingredients

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3.1. Substance

3.2. Mixture

Chemical Characterization: *Technical gelatine*
The main component is glutine.

Information on Components / Hazardous
Ingredients:

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Seek medical attention in case of complaints.

After inhalation:

No special measures required.

After skin contact:

Wash off with plenty of water and soap.

After eye contact:

Immediately flush open eyes with plenty of water.
Seek medical attention if irritation persists.

After ingestion:

If symptoms persist consult physician.

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

Symptoms:

No further information available.

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:

All extinguishing agents suitable.
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 monoxide, carbon dioxide.

5.3. Advice for Firefighters

Protective equipment:

Wear suitable protective clothing.

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Further information:

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Wear protective clothing.**Floor may be slippery; use care to avoid falling.***6.2. Environmental Precautions***Environmental precautions:**No special measures required.***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***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:**Keep away from foodstuffs and drinks.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in a cool and dry place.**Store at room temperature.**Protect against heat and direct sunlight.**Requirements for storage areas and containers:**Store the product in the original container.**Information on fire and explosion protection:**No special measures necessary.**Storage class:**10-13 (TRSG 510)**Further Information:**Maximum storage temperature: 30°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):*

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*Does not contain any components with workplace limit values.**Parameters to be controlled:**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**No further measures, see Section 7.**Personal Protection**General protective measures:**Do not eat, drink or smoke during work.**Respiratory protection:**Not required.**Hand protection:**Not required**Protective glove material:**Eye protection:**Safety glasses (EN 166)**Body protection:**No special protection required.**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***Form:* granules*Color:* yellow*Odor:* characteristic*Odor threshold:*
*no information available**pH-Value:* 5.5 - 6.5*Melting temperature:*
*not known**Boiling temperature:* ca. 100°C (12.5% solution)*Flash point:*
*not applicable**Evaporation rate:*
No information available.

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Flammability (solid, gas):

not flammable

Upper explosion limit:

no information available

Lower explosion limit:

no information available

Vapor pressure:

not applicable

Vapor density:

No information available.

Density:

Solubility in water:

soluble

Auto-ignition temperature:

not applicable

Decomposition temperature:

No data available.

Viscosity, dynamic:

80 mPa.s (12.5%; 60°C)

Explosive properties:

Product does not present an explosion hazard.

Oxidizing properties:

not oxidizing

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

The preparation swells in cold water, is soluble in warm water (> 35°C) and is readily degradable in adapted biological treatment plants.

10. Stability and Reactivity

10.1. Reactivity

Stable if used according to specifications.

10.2. Chemical Stability

Stable if used according to specifications.

10.3. Possibility of Hazardous Reactions

Unknown.

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10.4. Conditions to Avoid

Conditions to avoid:

Avoid temperatures above 65°C, thermal decomposition of the gluten molecule.

Thermal decomposition:

No further information available.

10.5. Incompatible Materials

Avoid contact with aldehydes, that cause the formation of thermally irreversible gel with the consequent loss of adhesiveness.

10.6. Hazardous Decomposition Products

In case of fire: formation of carbon monoxide and carbon dioxide.

10.7. Further Information

11. Toxicological Information

11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

No toxicity expected.

Acute Toxicity

LD50, oral:

LD50, dermal:

LC50, inhalation:

Primary effects

Irritant effect on skin:

No irritant effect known.

Irritant effect on eyes:

No irritant effect known.

Inhalation:

No irritant effect known.

Ingestion:

No irritant effect known.

Sensitization:

No relevant data found.

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):

No relevant data found.

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Aspiration hazard:

Not applicable

11.2. Information on other Hazards

No further information available.

12. Ecological Information

12.1. Aquatic Toxicity

No toxicity expected.

Fish toxicity:

Daphnia toxicity:

Bacteria toxicity:

Algae toxicity:

12.2. Persistency and Degradability

Biodegradable.

12.3. Bioaccumulation

No information available.

12.4. Mobility

Product is water soluble.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

No data available.

12.7. Other Adverse Effects

Water hazard class:

Not hazardous.

Behaviour in sewage systems:

Further ecological effects:

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Product may be taken to waste disposal site, is biodegradable and compostable.

European Waste Code (EWC):

080410 - Waste adhesive and sealants other than those mentioned in 080409.

Uncleaned packaging:

Suggested cleaning agent: water.

Waste Code No.:

14. Transport Information

14.1. UN Number

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ADR, IMDG, IATA

14.2. UN Proper Shipping Name

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. Maritime Transport in Bulk according to IMO Instruments

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:

0, not hazardous (German Regulation; Self-assessment)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

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EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

A Chemical Safety Assessment is not necessary for this product.

15. 3. Further Information

VOC Content (w/w): 0 %

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.