

O9725 HXTAL NYL-1, Hardener

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Version: 2

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1. Identification of the Substance/Mixture and of the Company/Undertaking**1.1. Product Identifier***Product Name:* HXTAL NYL-1, Hardener*Article No.:* O9725*UFI:* --**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*
Hardener for adhesive systems.*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)**Acute toxicity (oral), hazard category 4
Acute toxicity (dermal), hazard category 4
Skin corrosion, hazard category 1C
Serious eye damage, hazard category 1*

H302 Harmful if swallowed.

Cat.: 4

H312 Harmful in contact with skin.

Cat.: 4

H314 Causes severe skin burns and eye damage.

Cat.: 1

H318 Causes serious eye damage.

Cat.: 1

*Possible Environmental Effects:***2.2. Label Elements***Classification according to Regulation
(EC) No. 1272/2008 (CLP/GHS)**Hazard designation:*

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GHS05



GHS07



GHS08-2

Signal word:

Danger

Hazard designation:

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

Safety designation:

P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P281	Use personal protective equipment as required.
P301+P310	If swallowed: Immediately call a poison center or physician.
P301+P330+P331	If swallowed: Rinse mouth. Do not induce vomiting.
P303+P361+P353	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses and continue rinsing.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents/ container according to regional, national and international regulations.

Hazardous components for labelling:

2.3. Other Hazards

3. Composition/Information on Ingredients

3.1. Substance

3.2. Mixture

Chemical Characterization:

Information on Components / Hazardous Ingredients:

Poly(oxy)(methyl-1,2-ethanedyl), alpha-hydro-omega-(2-aminomethylathoxy)-ether 2-ethyl-2-(hydroxymethyl)-1,3-propanediol (3:1)	96 - 99 %	CAS-Nr: 39423-51-3 EINECS-Nr: EC-Nr:
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Imidazole, 1,3-Diaza-2,4-cyclopentadiene,	< 4 %	CAS-Nr: 288-32-4
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Glyoxaline (GHS05-06-07; H302-314-360d)

EINECS-Nr: 206-019-2

EC-Nr: 613-319-00-0

Additional information:

4. First Aid Measures

4.1. Description of the First Aid Measures

General information:

Take affected persons out into the fresh air.

After inhalation:

Supply fresh air. If required give artificial respiration. Keep patient warm.

Give artificial respiration in case breathing is not regular or if it has stopped.

After skin contact:

Remove contaminated clothing. Wash off immediately with plenty of water and soap.

Wash contaminated clothing before reuse.

If symptoms persist, consult a physician.

After eye contact:

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

Immediately call an ophthalmologist.

After ingestion:

Do not induce vomiting.

Immediately get medical help.

Never give anything by mouth to an unconscious person.

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:

CO2, extinguishing powder, water spray.

Fight larger fire with water jet or alcohol resistant foam.

Unsuitable extinguishing media:

None known.

5.2. Special Hazards arising from the Substance or Mixture

Special hazards:

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*In case of fire: formation of carbon monoxide.***5.3. Advice for Firefighters***Protective equipment:**Wear self-contained respiratory protective device and full protective gear.**Further information:*

6. Accidental Release Measures**6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Wear appropriate protective equipment. Keep spectators away.**Do not ingest or inhale.**Avoid contact with skin, eyes and clothing.**Ensure adequate ventilation.***6.2. Environmental Precautions***Environmental precautions:**Prevent contamination of soil, drains and surface waters.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Contain with absorbent material (sand, earth, vermiculite or diatomaceous earth) and collect in appropriate 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***Instructions on safe handling:**Wear adequate protective clothing (see para. 8).**Avoid contact with eyes, skin and clothing.**Do not swallow or inhale.**Hygienic measures:**Do not inhale gas/fumes/vapours/aerosols.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry and well ventilated location.**Requirements for storage areas and containers:**Open and handle container with care.**Information on fire and explosion protection:**No special measures necessary.*

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Storage class:

Further Information:

7.3. Specific End Use(s)

Further information:

8. Exposure Controls/Personal Protection

8.1. Parameters to be Controlled

None known

Parameters to be controlled (DE):

Parameters to be controlled:

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

Additional Information:

8.2. Exposure Controls

Technical protective measures:

Facilities storing or utilizing this material should be equipped with an eyewash and shower facility.

Adequate ventilation.

Personal Protection

General protective measures:

Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.

Respiratory protection:

Required in case of insufficient ventilation.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material and dexterity. Always seek advice from glove suppliers.

Eye protection:

Tightly fitting safety goggles (EN 166).

Body protection:

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: liquid

Color: clear-transparent

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Odor:	<i>ammoniacal</i>
Odor threshold:	<i>no information available</i>
pH-Value:	12.3
Melting temperature:	<i>not available</i>
Boiling temperature:	> 256°C (493°F)
Flash point:	<i>not available</i>
Evaporation rate:	<i>No information available.</i>
Flammability (solid, gas):	<i>not available</i>
Upper explosion limit:	<i>no information available</i>
Lower explosion limit:	<i>no information available</i>
Vapor pressure:	<i>not determined</i>
Vapor density:	> 1
Density:	0.98 g/cm ³
Solubility in water:	<i>soluble</i>
Coefficient of variation (n-Octanol/Water):	<i>not determined</i>
Auto-ignition temperature:	<i>Product is not auto-ignitable (Test type: Spontaneous self-ignition at room temperature)</i>
Decomposition temperature:	<i>No data available.</i>
Viscosity, dynamic:	> 80 CPS (25°C)
Explosive properties:	<i>Product does not present an explosion hazard.</i>
Oxidizing properties:	<i>no information available</i>

Bulk density:

9.2. Further Information

Solubility in solvents:

Viscosity, kinematic:

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Burning class:

Solvent content:

Solid content:

Particle size:

Other information:

No further information.

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

None if handled and stored according to specifications.

10.4. Conditions to Avoid

Conditions to avoid:

No information available.

Thermal decomposition:

10.5. Incompatible Materials

None known.

10.6. Hazardous Decomposition Products

None known.

10.7. Further Information

11. Toxicological Information

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

Acute Toxicity

LD50, oral: 880 mg/kg (mouse)

LD50, dermal: No information available.

LC50, inhalation: No information available.

Primary effects

Irritant effect on skin: Causes severe burns.

Irritant effect on eyes: Strong irritant with the danger of severe eye injury (rabbit; OECD 405).

Corrosive effect

Hydrocarbons, C9, Aromatics:

Inhalation: Irritates the respiratory tract.

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Ingestion:

Toxic if swallowed. Can cause chemical burns in mouth, throat and stomach.

Sensitization:

No relevant data found.

Mutagenicity:

No mutagenic effects known.

Reproductive toxicity:

No relevant data found.

Carcinogenicity:

IARC: Does not contain any component classified as carcinogenic.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No relevant data found.

Aspiration hazard:

11.2. Information on other Hazards

12. Ecological Information

12.1. Aquatic Toxicity

Fish toxicity:

No data available.

Daphnia toxicity:

No information available.

Bacteria toxicity:

No data available.

Algae toxicity:

No information available.

12.2. Persistency and Degradability

Not readily biodegradable.

12.3. Bioaccumulation

No bioaccumulation expected.

12.4. Mobility

No information available.

12.5. Results of PBT- und vPvP Assessment

Not applicable.

12.6. Endocrine Disrupting Properties

12.7. Other Adverse Effects

Water hazard class:

Do not let run into surface waters, waste water or soil.

Danger to drinking water even if small quantities leak into the ground.

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Behaviour in sewage systems:

Further ecological effects:

Rinse off of bigger amounts into drains or aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms.

The pH-value is reduced significantly when the used product is diluted, so that the waste water which might enter the sewage system is only slightly hazardous to water.

AOX Value:

13. Disposal Considerations

13.1. Waste Treatment Methods

Product:

Dispose of according to official national and local regulations.

European Waste Code (EWC):

Uncleaned packaging:

Contaminated packaging must be disposed like the substance.

Waste Code No.:

14. Transport Information

14.1. UN Number

ADR, IMDG, IATA 2735

14.2. UN Proper Shipping Name

ADR/RID: AMINE, FLÜSSIG, ÄTZEND, N.A.G. (Alkyletheramin)

IMDG/IATA: AMINES, CORROSIVE LIQUIDS, N.O.S. (Alkyl ether amine)

14.3. Transport Hazard Classes

ADR Class: 8

Hazard no.: 8

Classification code: C7

Tunnel restriction code: E

IMDG Class (sea): 8

Hazard no.: 8

EmS No.: F-A, S-B

IATA Class: 8

Hazard no.: 8

14.4. Packaging Group

ADR/RID: III

IMDG: III

IATA: III

14.5. Environmental Hazards

None

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14.6. Special Precautions for User

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:

1, slightly hazardous for water (German Regulation, self-assessment)

Local regulations on chemical accidents:

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

15.3. Further Information

TSCA (USA): All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SARA 355 (Extremely Hazardous Substances): None of the ingredients are listed.

SARA 313 (Toxic Chemicals): None present or none present in regulated quantities.

California Prop. 65 (Chemicals known to cause cancer): None of the ingredients are listed.

NFPA Ratings (USA): Health: 3; Fire: 0; Reactivity: 0

HMIS-Ratings (USA): Health hazard: 4 (Life-threatening, major or permanent damage); Flammability: 0 (Will not burn); Reactivity: 0 (Stable)

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.