



Safety data sheet

1. Substance/preparation and company identification

Trade name:

ASTI-V 170 Comp. A

Application of the substance/ the preparation:

Chemical

BEIL

Kunststoffproduktions- und Handelsgesellschaft mbH

Lehmkuhlenweg 25

D- 31224 Peine

Telefon: +49 (0)5171/70 99-0

Telefax: +49 (0)5171/7099-29

E-Mail: service@beil-peine.de

Information in case of emergency:

Giftzentrale Göttingen

Tel.: +49 (0)551/19240

2. Hazards identification

2.1. Classification of the substance or mixture

In accordance with Regulation (EC) No. 1272/2008, the product does not need to be classified nor labelled.

Additional information

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

2.2. Label elements

Signal Word

None.

Hazard Statements

None.

Precautionary statements

None.

Additional advice

None.

Product identifier

None.

2.3. Other hazards

No hazards to be especially mentioned.

3. Composition/information on ingredients

Chemical characterization

Mixture.

Components		CLP Classification	Product identifier
Glycerin propoxiliert	10-25%	Acute Tox. 4 H302	CAS-No.: 25791-96-2 Index-No: Polymer
Triethylendiamin	< 1%	Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Flam. Sol. 1 H228	CAS-No.: 280-57-9 EC-No.: 205-999-9
N,N-Dimethylcyclohexylamin	< 1%	Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Chronic 2 H411, Flam. Liq. 3 H226	CAS-No.: 98-94-2 EC-No.: 202-715-5 REACH No.: 01-2119533030-60
N,N-Bis(2-Dimethylaminoäthyl)Methylamin	< 1%	Acute Tox. 3 H301, Acute Tox. 3 H311, Skin Corr. 1B H314	CAS-No.: 3030-47-5 EC-No.: 221-201-1 Index-No: 612-109-00-6

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



	Hazardous impurities	None known.
4.	First aid measures	
	4.1. Description of first aid measures	
	Inhalation	No special measures required.
	Skin contact	Wash with water and soap as a precaution.
	Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
	Ingestion	Clean mouth with water and drink afterwards plenty of water.
	4.2. Most important symptoms and effects, both acute and delayed	The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.
	4.3. Indication of any immediate medical attention and special treatment needed	None known.
5.	Firefighting measures	
	5.1. Extinguishing media	Use dry chemical, CO2, water spray or alcohol foam.
	Suitable extinguishing media	High volume water jet.
	Extinguishing media which must not be used for safety reasons	No data is available on the product itself.
	5.2. Special hazards arising from the substance or mixture	
	5.3. Advice for firefighters	Standard procedure for chemical fires.
	Special protective equipment for Firefighters	No special measures required.
	Specific methods	
6.	Accidental release measures	
	6.1. Personal precautions, protective equipment and emergency procedures	
	Advice for non-emergency Personnel	No special measures required.
	Advice for emergency responders	Handle in accordance with good industrial hygiene and safety practice.
	6.2. Environmental precautions	No special environmental precautions required.
	6.3. Methods and material for containment and cleaning up	Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.
	6.4. Reference to other sections	See chapter 8 and 13.
7.	Handling and storage	
	7.1. Precautions for safe handling	No special technical protective measures required.
	7.2. Conditions for safe storage, including any incompatibilities	The product is hygroscopic. Keep container tightly closed. Store at room temperature in the original container. Keep away from food and drink.
	7.3. Specific end use(s)	No information available.
8.	Exposure controls/personal protection	
	8.1. Control parameters	
	Exposure limit(s)	None.
	8.2. Exposure controls	
	Occupational exposure controls	General industrial hygiene practice.

**Personal protection equipment**

Respiratory protection

Hand protection

Eye protection

Skin and body protection

Thermal hazards**Environmental exposure controls**

No special protective equipment required.

PVC disposable gloves

Avoid contact with eyes.

No special measures required.

No special measures required.

No special measures required.

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

Liquid.

Colour

colorless to yellowish

Odour

Characteristic.

Odour Threshold

not determined

pH:

not applicable

Melting point/range:

< 0 °C

Boiling point/range:

> 100 °C

Flash point:

> 120 °C

Evaporation Rate:

not determined

Flammability:

not applicable

Explosion limits:

not determined

Vapour pressure:

not determined

Vapor density:

not determined

Relative density:1,00 g/cm³ (25 °C)**Water solubility:**

partly soluble

**Partition coefficient (noctanol/
water):**

not determined

Autoignition temperature:

not determined

Decomposition temperature:

not determined

Viscosity:

400 mPas (25 °C)

Combustion/explosion hazards:

not determined

Oxidizing properties:

None

9.2. Other information**General Product Characteristics**

No information available.

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

Reaktiv with Isocyanat.

10.2. Chemical stability

No decomposition if used as directed.

**10.3. Possibility of hazardous
reactions**

No if used as directed.

10.4. Conditions to avoid

Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects.

10.5. Incompatible materials

ferrous metals, alloys and galvanized surfaces

**10.6. Hazardous decomposition
products**

None under normal use. In the event of fire, the following can be released: COx, NOx, SiOx

11. Toxicological information**11.1. Information on toxicological effects****Acute toxicity****Poly(oxypropylene) triol (CAS 25791-96-2)**

Dermal LD50 Rabbit > 20 mL/kg (NLM_CIP)

Oral LD50 Rat = 2830 µL/kg (NLM_CIP)

Oral LD50 Rat > 64 mL/kg (NLM_CIP)

1,4-Diazabicyclo[2.2.2]octane (CAS 280-57-9)

Dermal LD50 Rabbit = 3200 mg/kg (NZ_CCID)



	Oral LD50 Rat = 1700 mg/kg (NZ_CCID)
	N,N-Dimethylcyclohexylamine (CAS 98-94-2)
	Inhalation LC50 Rat = 1889 mg/m ³ 2 h (NLM_CIP)
	Oral LD50 Rat = 272 mg/kg (NLM_CIP)
	N-[2-(Dimethylamino)ethyl]-N,N',N'-trimethyl-1,2-ethanediamine (CAS 3030-47-5)
	Oral LD50 Rat = 1630 µL/kg (NLM_CIP)
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory / Skin Sensitisation	None known.
Carcinogenicity	No data available.
Germ cell mutagenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity (single exposure)	No data available.
Specific target organ toxicity (repeated exposure)	No data available.
Aspiration hazard	No data available.
Human experience	This product has no known adverse effect on human health.

12. Ecological information**12.1. Toxicity**

No data available.

1,4-Diazabicyclo[2.2.2]octane (CAS 280-57-9)

Ecotoxicity - Freshwater Fish-

96 h LC50 Pimephales promelas: 1510 - 1980 mg/L [flow-through]

Acute Toxicity Data

DMCHA/Polycat 8 (CAS 98-94-2)

No data is available on the product itself. May change pH of waters.

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB Assessment

No information available.

12.6. Other adverse effects

No information available.

13. Disposal considerations**13.1. Waste treatment methods****Waste from residues / unused products**

Dispose of in accordance with local regulations.

Contaminated packaging

Offer rinsed packaging material to local recycling facilities.

14. Transport information**ADR/RID**

Not required.

IMO

Not required.

ICAO

Not required.

Further Information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Regulatory Information**

Product does not contain any organic halogens.

Poly(oxypropylene) triol (CAS 25791-96-2)

EU - No-Longer Polymers List (67/548/EEC)

NLP No. 500-044-5 (>1<6.5 mol propoxylated units)

EU - REACH (1907/2006) - List of

Present



Registered Substances

1,4-Diazabicyclo[2.2.2]octane (CAS 280-57-9)

EU - REACH (1907/2006) - List of Present

Registered Substances

N,N-Dimethylcyclohexylamine (CAS 98-94-2)

EU - REACH (1907/2006) - List of Present

Registered Substances

N-[2-(Dimethylamino)ethyl]-N,N'.N'-trimethyl-1,2-ethanediamine (CAS 3030-47-5)

EU - Seveso III Directive 50 tonne

(2012/18/EU) - Qualifying

Quantities of Dangerous

Substances - Lower-Tier

Requirements

EU - Seveso III Directive 200 tonne

(2012/18/EU) – Qualifying

Quantities of Dangerous

Substances - Higher-Tier

Requirements

EU - REACH (1907/2006) - List of Present

Registered Substances

15.2. Chemical safety

assessment Not required.

16. Other information
Key or legend to abbreviations
and acronyms

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

Full text of phrases referred to
under sections 2 and 3

H226: Flammable liquid and vapour.
 H228: Flammable solid.
 H301: Toxic if swallowed.
 H302: Harmful if swallowed.
 H311: Toxic in contact with skin.
 H314: Causes severe skin burns and eye damage.
 H315: Causes skin irritation.
 H318: Causes serious eye damage.
 H319: Causes serious eye irritation.
 H331: Toxic if inhaled.
 H411: Toxic to aquatic life with long lasting effects.

Further information Not relevant.

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. This safety datasheet only contains information relating to safety and does not replace any product information or product specification.