

## SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. PRODUCT IDENTIFIER

Product name

**KAZELIT 8340**



chemius.net/QSz8d

#### 1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Relevant identified uses

Adhesive for industrial use.

Uses advised against

No information.

#### 1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Supplier

MITOL, tovarna lepil, d.o.o., Sežana

Address: Partizanska c. 78 Sežana, Slovenia

Phone: +386 5 73 12 300

Fax: +386 5 73 12 390

E-mail: lilijana.kocjan@mitol.si

Point of contact for safety info: Lilijana Kocjan Žorž

#### 1.4. EMERGENCY TELEPHONE NUMBER

112

+386 5 73 12 300 (8:00-16:00)

### SECTION 2. HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

According to the regulation, the product is not classified as hazardous.

#### 2.2 LABEL ELEMENTS

2.2.1. Labelling according to Regulation (EC) No 1272/2008 [CLP]

EUH210 Safety data sheet available on request.

2.2.2. Contains:

-

2.2.3. Special provisions

Special hazards are not known or expected.

#### 2.3. OTHER HAZARDS

No information.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product description**

Adhesive based on polymers and casein.

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### 3.1. SUBSTANCES

For mixtures see 3.2.

### 3.2. MIXTURES

Name	CAS EC Index	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
disodium tetraborate decahydrate [SVHC]	1303-96-4 215-540-4 005-011-00-4	<8,5	Repr. 1B; H360FD		-
Zinc Hydroxide Carbonate	51839-25-9 - -	0,1-1	not classified		-

Notes for substances:

**SVHC** Substance of very high concern.

## SECTION 4. FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

#### General notes

Before starting with first aid take care of personal protection.

#### Following inhalation

Remove patient to fresh air - move out of dangerous area. If symptoms occur, seek medical advice.

#### Following skin contact

Take off all contaminated clothing. Areas of the body that have come into contact with the product must be rinsed with water. In case of irritation consult a physician. Consult a physician.

#### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. In case of irritation seek medical help.

#### Following ingestion

Rinse mouth thoroughly with water. Rinse mouth and drink plenty of water (only if the person is conscious). Do not induce vomiting! In case of doubt or if feeling unwell seek medical help. Show the physician the safety data sheet or label.

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

#### Inhalation

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#### Skin contact

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#### Eye contact

-

#### Ingestion

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### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

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### SECTION 5. FIREFIGHTING MEASURES

#### 5.1. EXTINGUISHING MEDIA

##### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).

Foam.

Fire extinguishing powder. Water. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Unsuitable extinguishing media

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#### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

##### Hazardous combustion products

Ammonia.

Carbon oxides (CO<sub>x</sub>).

#### 5.3. ADVICE FOR FIREFIGHTERS

##### Protective actions

In case of fire or heating do not breathe fumes/vapours. In case of fire evacuate the area.

##### Special protective equipment for firefighters

Firefighters should wear appropriate protective clothing for firefighters (including helmets, protective boots and gloves) (EN 469) and self-contained breathing apparatus (SCBA) with a full face-piece (EN 137).

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

##### 6.1.1. For non-emergency personnel

###### **Protective equipment**

Use personal protective equipment (Section 8).

###### **Emergency procedures**

Ensure adequate ventilation. Evacuate personnel.

##### 6.1.2. For emergency responders

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#### 6.2. ENVIRONMENTAL PRECAUTIONS

Stop leak if it is safe to do so. Do not allow substance to enter drains or body of water without dilution. In case of release into the environment, inform the relevant authorities.

#### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

##### 6.3.1. For containment

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##### 6.3.2. For cleaning up

Absorb product (with inert material), collect it in special container and dispose it to a licensed hazardous-waste disposal contractor. Dispose in accordance with applicable regulations (see Section 13).

##### 6.3.3. Other information

Reference to other sections: Section 1: Contact information in case of an emergency, Section 13: Disposal considerations. See Section 7: safe handling.

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### 6.4. REFERENCE TO OTHER SECTIONS

See also Sections 8 and 13.

## SECTION 7. HANDLING AND STORAGE

### 7.1. PRECAUTIONS FOR SAFE HANDLING

#### 7.1.1. Protective measures

##### **Measures to prevent fire**

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##### **Measures to prevent aerosol and dust generation**

-

##### **Measures to protect the environment**

-

#### 7.1.2. Advice on general occupational hygiene

Wear suitable protective equipment; see Section 8. Do not eat, drink or smoke while working. Use good personal hygiene practices – wash hands at breaks and when done working with material. Before entering areas where food is eaten, remove contaminated clothing and protective equipment.

### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

#### 7.2.1. Technical measures and storage conditions

Store in accordance with local regulations. Keep in cool and well ventilated area. Protect from direct sunlight and frost. Protect from direct sunlight.

#### 7.2.2. Packaging materials

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#### 7.2.3. Requirements for storage rooms and vessels

Must only be kept in original packaging.

#### 7.2.4. Storage class

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#### 7.2.5. Further information on storage conditions

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### 7.3. SPECIFIC END USE(S)

##### **Recommendations**

-

##### **Industrial sector specific solutions**

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

#### 8.1.1. Occupational exposure limit values

No information.

#### 8.1.2. Information on monitoring procedures

BS EN 14042:2003 Title Identifier: Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents. BS EN 482:2021 Workplace exposure. Procedures for the determination of the concentration of chemical agents. Basic performance requirements.

#### 8.1.3. DNEL/DMEL values

No information.

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### 8.1.4. PNEC values

No information.

## 8.2. EXPOSURE CONTROLS

### 8.2.1. Appropriate engineering control

#### Substance/mixture related measures to prevent exposure during identified uses

Use good personal hygiene practices – wash hands at breaks and when done working with material.

#### Organisational measures to prevent exposure

Keep eyewash bottles or personal eyewash units and emergency showers available.

### 8.2.2. Personal protective equipment

#### Eye and face protection

Tight fitting protective goggles (EN 166).

#### Hand protection

Protective gloves (EN 374). Use protective gloves resistant to the product/ the substance/ the preparation. Selection of the glove material depends upon the penetration times, rates of diffusion and the degradation. The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. The penetration time is determined by the protective glove manufacturer and must be observed. The product is a preparation of several substances, the resistance of glove materials cannot be predicted and must therefore be checked before use.

#### Appropriate materials

Material	Thickness	Penetration Time	Remark
PVC			
PE			

#### Skin protection

No requirements under normal use conditions.

#### Respiratory protection

No requirements under normal use conditions.

#### Thermal hazards

-

### 8.2.3. Environmental exposure controls

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

-	Physical state:	liquid
-	Colour:	yellow
-	Odour:	characteristic Odour threshold: Not determined

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### Important health, safety and environmental information

-	pH	7,8 – 8,8
-	Melting point/freezing point	Not determined
-	Initial boiling point/boiling range	> 100 °C
-	Flash point	> 100 °C
-	Evaporation rate	not applicable
-	Flammability (solid, gas)	> 300 °C (Not flammable.)
-	Explosion limits (vol%)	Non-applicable
-	Vapour pressure	Not applicable
-	Vapour density	Non-applicable
-	Density	<b>Density:</b> 0,99 – 1,05 g/cm <sup>3</sup>
-	Solubility	<b>Water:</b> Completely soluble
-	Partition coefficient	No information.
-	Auto-ignition temperature	No information.
-	Decomposition temperature	Non-applicable
-	Viscosity	<b>Dynamic:</b> 50000 – 90000 mPas (Brookfield 7/20/25)
-	Explosive properties	Product is not explosive.
-	Oxidising properties	Not oxidising.
-	Particle characteristics	No information.

### 9.2. OTHER INFORMATION

-	Remarks:	
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## SECTION 10. STABILITY AND REACTIVITY

### 10.1. REACTIVITY

Stable under recommended transport or storage conditions.

### 10.2. CHEMICAL STABILITY

Product is stable under normal conditions of use, recommended handling and storage conditions.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

Reacts with strong acids. Reacts with strong oxidising agents.

### 10.4. CONDITIONS TO AVOID

Frost. Do not expose to temperatures exceeding 40 °C.

### 10.5. INCOMPATIBLE MATERIALS

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### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Endothermic decomposition with formation of ammonia.

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### 11.1. INFORMATION ON HAZARD CLASSES AS DEFINED IN REGULATION (EC) NO 1272/2008

(a) Acute toxicity

No information.

(b) Skin corrosion/irritation

No information.

(c) Serious eye damage/irritation

No information.

(d) Respiratory or skin sensitisation

**Additional information:** No specific effects or critical hazards known.

(e) (Germ cell) mutagenicity

No information.

(f) Carcinogenicity

No information.

(g) Reproductive toxicity

No information.

Summary of evaluation of the CMR properties

No specific effects or critical hazards known.

(h) STOT-single exposure

No information.

(i) STOT-repeated exposure

No information.

(j) Aspiration hazard

No information.

#### 11.2. INFORMATION ON OTHER HAZARDS

11.2.1. Endocrine disrupting properties

No information.

11.2.2. Other information

No information.

### SECTION 12. ECOLOGICAL INFORMATION

#### 12.1. TOXICITY

12.1.1. Acute (short-term) toxicity

No information.

12.1.2. Chronic (long-term) toxicity

No information.

Additional information

No specific effects or critical hazards known.

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### 12.2. PERSISTENCE AND DEGRADABILITY

#### 12.2.1. Abiotic degradation, physical- and photo-chemical elimination

No information.

#### 12.2.2. Biodegradation

No information.

#### Additional information

No specific effects or critical hazards known.

### 12.3. BIOACCUMULATIVE POTENTIAL

#### 12.3.1. Partition coefficient

No information.

#### 12.3.2. Bioconcentration factor (BCF)

No information.

#### Additional information

No specific effects or critical hazards known.

### 12.4. MOBILITY IN SOIL

#### 12.4.1. Known or predicted distribution to environmental compartments

No information.

#### 12.4.2. Surface tension

No information.

#### 12.4.3. Adsorption/Desorption

No information.

#### Additional information

No specific effects or critical hazards known.

### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No specific effects or critical hazards known.

### 12.6. ENDOCRINE DISRUPTING PROPERTIES

No specific effects or critical hazards known.

### 12.7. ADDITIONAL INFORMATION

#### **For product**

Water hazard class 1 (self-assessment): slightly hazardous for water.

## SECTION 13. DISPOSAL CONSIDERATIONS

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### 13.1. WASTE TREATMENT METHODS

#### 13.1.1. Product / Packaging disposal

##### **Waste chemical**

Dispose of in accordance with applicable governmental non-hazardous waste regulations.

##### **Waste codes / waste designations according to LoW**

08 04 10 - waste adhesives and sealants other than those mentioned in 080409

08 04 16 - aqueous liquid waste containing adhesives or sealants other than those mentioned in 080415

##### **Packaging**

Dispose of completely emptied packaging to the authorized waste collector or hand over to collection centers of waste management companies under the classification numbers for waste packaging. Dispose of in accordance with applicable waste disposal regulation. Containers must be recycled in accordance with national legislation and environmental regulations.



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### Waste codes / waste designations according to LoW

15 01 - packaging (including separately collected municipal packaging waste)

#### 13.1.2. Waste treatment-relevant information

Waste water, containing this product, must be properly treated, before being released to the sewage system (approval of an authorized organization). Proper methods for waste water treatment are ultrafiltration, coagulation and flocculation. Waste code for waste water containing this preparation is 08 04 16.

#### 13.1.3. Sewage disposal-relevant information

The residue remaining after flocculation and filtration (filter cake) can be landfilled on industrial landfills or incinerated in an appropriate waste incineration plant in consent with an authorized organization.

#### 13.1.4. Other disposal recommendations

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## SECTION 14. TRANSPORT INFORMATION

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### 14.1. UN NUMBER OR ID NUMBER

Not applicable.

### 14.2. UN PROPER SHIPPING NAME

ADR, RID, IMDG, ADN, IATA: Not dangerous according to transport regulations.

### 14.3. TRANSPORT HAZARD CLASS(ES)

Not applicable.

### 14.4. PACKING GROUP

Not applicable.

### 14.5. ENVIRONMENTAL HAZARDS

NO.

### 14.6. SPECIAL PRECAUTIONS FOR USER

Not applicable.

### 14.7. MARITIME TRANSPORT IN BULK ACCORDING TO IMO INSTRUMENTS

Not applicable.

## SECTION 15. REGULATORY INFORMATION

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### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

- Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (including last amendment Commission Regulation (EU) 2020/878)

- Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

#### 15.1.1. Information according 2004/42/EC about limitation of emissions of volatile organic compounds (VOC-guideline)

Not applicable.

### 15.2. CHEMICAL SAFETY ASSESSMENT

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

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### SECTION 16. OTHER INFORMATION

#### Indication of changes

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#### Abbreviations and acronyms

ATE - Acute Toxicity Estimate  
ADR - Agreement concerning the International Carriage of Dangerous Goods by Road  
ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
CEN - European Committee for Standardisation  
C&L - Classification and Labelling  
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008  
CAS# - Chemical Abstracts Service number  
CMR - Carcinogen, Mutagen, or Reproductive Toxicant  
CSA - Chemical Safety Assessment  
CSR - Chemical Safety Report  
DMEL - Derived Minimal Effect Level  
DNEL - Derived No Effect Level  
DPD - Dangerous Preparations Directive 1999/45/EC  
DSD - Dangerous Substances Directive 67/548/EEC  
DU - Downstream User  
EC - European Community  
ECHA - European Chemicals Agency  
EC-Number - EINECS and ELINCS Number (see also EINECS and ELINCS)  
EEA - European Economic Area (EU + Iceland, Liechtenstein and Norway)  
EEC - European Economic Community  
EINECS - European Inventory of Existing Commercial Substances  
ELINCS - European List of notified Chemical Substances  
EN - European Standard  
EQS - Environmental Quality Standard  
EU - European Union  
Euphrac - European Phrase Catalogue  
EWC - European Waste Catalogue (replaced by LoW – see below)  
GES - Generic Exposure Scenario  
GHS - Globally Harmonized System  
IATA - International Air Transport Association  
ICAO-TI - Technical Instructions for the Safe Transport of Dangerous Goods by Air  
IMDG - International Maritime Dangerous Goods  
IMSBC - International Maritime Solid Bulk Cargoes  
IT - Information Technology  
IUCLID - International Uniform Chemical Information Database  
IUPAC - International Union for Pure Applied Chemistry  
JRC - Joint Research Centre  
Kow - octanol-water partition coefficient  
LC<sub>50</sub> - Lethal Concentration to 50 % of a test population  
LD<sub>50</sub> - Lethal Dose to 50% of a test population (Median Lethal Dose)  
LE - Legal Entity  
LoW - List of Wastes (see <http://ec.europa.eu/environment/waste/framework/list.htm>)  
LR - Lead Registrant  
M/I - Manufacturer / Importer  
MS - Member States  
MSDS - Material Safety Data Sheet  
OC - Operational Conditions  
OECD - Organization for Economic Co-operation and Development  
OEL - Occupational Exposure Limit  
OJ - Official Journal  
OR - Only Representative  
OSHA - European Agency for Safety and Health at work  
PBT - Persistent, Bioaccumulative and Toxic substance  
PEC - Predicted Effect Concentration  
PNEC(s) - Predicted No Effect Concentration(s)  
PPE - Personal Protection Equipment

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(Q)SAR - Qualitative Structure Activity Relationship

REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006

RID - Regulations concerning the International Carriage of Dangerous Goods by Rail

RIP - REACH Implementation Project

RMM - Risk Management Measure

SCBA - Self-Contained Breathing Apparatus

SDS - Safety data sheet

SIEF - Substance Information Exchange Forum

SME - Small and Medium sized Enterprises

STOT - Specific Target Organ Toxicity

(STOT) RE - Repeated Exposure

(STOT) SE - Single Exposure

SVHC - Substances of Very High Concern

UN - United Nations

vPvB - Very Persistent and Very Bioaccumulative

### Key literature references and sources for data

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### List of relevant H phrases

H360FD May damage fertility. May damage the unborn child .

The information of this SDS is based on the present state of our knowledge and meets the requirements of EU and national laws. The user's working conditions however, are beyond our knowledge and control. The product is not to be used for purposes other than those specified under Section 1 without a written permission. It remains the responsibility of the user to ensure that the necessary steps are taken to meet the laws and regulations. Handling of the product may only be done by people above 18 years of age, who are satisfactorily informed of how to do the work, the hazardous properties and necessary safety precautions. The information given in this SDS is to describe the product only in terms of health and safety requirements and should not, therefore, be construed as guaranteeing specific properties.