

## Safety data sheet

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

#### 1.1 PRODUCT IDENTIFIER

Product name

KAZELIT 8400

#### 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  
Partizanska c. 78  
6210 Sežana, Slovenia  
+386 5 73 12 300 (8:00-16:00)  
lilijana.kocjan@mitol.si

#### 1.4 EMERGENCY TELEPHONE NUMBER

Emergency

112

Supplier

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



<https://my.chemius.net/p/AoV>  
[NzC/en/pd/en](https://my.chemius.net/p/AoV)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

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

Eye Irrit. 2; H319 Causes serious eye irritation.

#### 2.2 LABEL ELEMENTS

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



**Signal word: Warning**

H319 Causes serious eye irritation.

EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

#### 2.3 OTHER HAZARDS

No information.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 SUBSTANCES

For mixtures see 3.2.

#### 3.2 MIXTURES

Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances

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Name	CAS EC Index Reach	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	Notes for substances
Rosin, potassium salt	61790-50-9 263-142-4 -	> 10	Eye Irrit. 2; H319	/	/
reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 - 613-167-00-5	<0,0015	Acute Tox. 3; H301 Acute Tox. 2; H310.2 Skin Corr. 1C; H314.1C Skin Sens. 1A; H317.1A Eye Dam. 1; H318 Acute Tox. 2; H330.2 Aquatic Acute 1; H400; M = 100 Aquatic Chronic 1; H410; M = 100 EUH071	Skin Corr. 1C; H314.1C; C ≥ 0.6% Skin Irrit. 2; H315; 0.06% ≤ C < 0.6% Skin Sens. 1A; H317.1A; C ≥ 0.0015% Eye Dam. 1; H318; C ≥ 0.6% Eye Irrit. 2; H319; 0.06% ≤ C < 0.6%	B

### Notes for substances

<b>B</b>	<p>Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations.</p> <p>In Part 3 entries with Note B have a general designation of the following type: "nitric acid ... %".</p> <p>In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.</p>
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## SECTION 4: FIRST AID MEASURES

### 4.1 FIRST AID MEASURES

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency. When in doubt or if feeling unwell seek medical assistance. Show the safety data sheet and label to the physician. 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

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### Following inhalation

No information.

### Following skin contact

No information.

### Following eye contact

Redness, tearing, pain.

### Following ingestion

No information.

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

No information.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1 EXTINGUISHING MEDIA

#### Suitable extinguishing media

Carbon dioxide (CO<sub>2</sub>).  
Foam.  
Fire extinguishing powder. Water.

#### Unsuitable extinguishing media

No information.

### 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 fire-fighters

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).

#### Additional information

No information.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

#### For non-emergency personnel

#### Protective equipment

Use personal protective equipment (Section 8).

#### Precautionary measures

Ensure adequate ventilation.

#### Emergency procedures

Evacuate personnel.

#### For emergency responders

No information.

### 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

#### For containment

No information.

#### 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).

#### 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

#### Protective measures

#### Measures to prevent fire

No information.

#### Measures to prevent aerosol and dust generation

No information.

#### Measures to protect the environment

No information.

#### Other measures

No information.

#### 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

#### 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.

#### Packaging materials

No information.

#### Requirements for storage rooms and vessels

Must only be kept in original packaging.

#### Storage class

No information.

#### Further information on storage conditions

No information.

### 7.3 SPECIFIC END USE(S)

#### Recommendations

No information.

#### Industrial sector specific solutions

No information.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### Occupational Exposure limit values

No information.

#### 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.

#### DNEL/DMEL values

#### For product

No information.

#### For components

No information.

#### PNEC values

#### For product

No information.

#### For components

No information.

### 8.2 EXPOSURE CONTROLS

#### Appropriate engineering control

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

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

## Structural measures to prevent exposure

No information.

## Organisational measures to prevent exposure

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

## Technical measures to prevent exposure

No information.

## 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. For information on penetration time contact the gloves manufacturer. Protective gloves should be tested for use in different / specific working environments (eg. for mechanical resistance, compatibility and antistatic properties). The penetration time is determined by the protective glove manufacturer and must be observed.

### 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

No information.

### Environmental exposure controls

### Substance/mixture related measures to prevent exposure

No information.

### Instruction measures to prevent exposure

No information.

### Organisational measures to prevent exposure

No information.

### Technical measures to prevent exposure

No information.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

#### Physical state

liquid

#### Colour

Beige transparent

#### Odour

characteristic

#### Important health, safety and environmental information

<b>Odour threshold</b>	(Not determined)
<b>pH</b>	9.3 – 10.3
<b>Melting point/Freezing point</b>	(Not determined)
<b>Initial boiling point/boiling range</b>	> 100 °C
<b>Flash point</b>	> 100 °C
<b>Evaporation rate</b>	(not applicable)
<b>Flammability (solid, gas)</b>	> 300 °C (Not flammable.)
<b>Explosion limits (vol%)</b>	(Non-applicable)

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Vapour pressure	(Not applicable)
Vapour density	(Non-applicable)
Density / weight	Density: 0.72 – 1.32 g/cm <sup>3</sup>
Solubility	Water: Completely soluble
Partition coefficient	No information.
Auto-ignition temperature	No information.
Decomposition temperature	(Non-applicable)
Viscosity	Dynamic: 40000 – 95000 mPas (Brookfield 7/20/25)
Explosive properties	Product is not explosive.
Oxidising properties	Not oxidising.

### 9.2 OTHER INFORMATION

No information.

## 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

No information.

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

Endothermic decomposition with formation of ammonia.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

#### (a) Acute toxicity

No information.

#### (b) Skin corrosion/irritation

No information.

#### (c) Serious eye damage/irritation

No information.

#### (d) Respiratory or skin sensitisation

No information.

#### 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

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No information.

(j) Aspiration hazard

No information.

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 TOXICITY

Acute (short-term) toxicity

No information.

Chronic (long-term) toxicity

No information.

Additional information

No specific effects or critical hazards known.

### 12.2 PERSISTENCE AND DEGRADABILITY

Abiotic degradation, physical- and photo-chemical elimination

No information.

Biodegradation

No information.

Additional information

No specific effects or critical hazards known.

### 12.3 BIOACCUMULATIVE POTENTIAL

Partition coefficient

No information.

Bioconcentration factor (BCF)

No information.

Additional information

No specific effects or critical hazards known.

### 12.4 MOBILITY IN SOIL

Known or predicted distribution to environmental compartments

No information.

Surface tension

No information.

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 OTHER ADVERSE EFFECTS

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

### 13.1 WASTE TREATMENT METHODS

Product / Packaging disposal

Waste chemical

Disposal must be made according to official regulations: deliver it to authorised collector/remover/transformer of hazardous waste.

Waste codes / waste designations according to LoW

08 04 09\* - waste adhesives and sealants containing organic solvents or other dangerous substances

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.

Waste codes / waste designations according to LoW



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15 01 02 - plastic packaging

### Waste treatment-relevant information

No information.

### Sewage disposal-relevant information

No information.

### Other disposal recommendations

No information.

## SECTION 14: TRANSPORT INFORMATION

ADR/RID	IMDG	IATA	ADN
<b>14.1 UN number</b>			
Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.	Not dangerous according to transport regulations.
<b>14.2 UN proper shipping name</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.3 Transport hazard class(es)</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.4 Packing group</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable
<b>14.5 Environmental hazards</b>			
NO	NO	NO	NO
<b>14.6 Special precautions for user</b>			
Limited quantities Not given/not applicable	Limited quantities Not given/not applicable		Limited quantities Not given/not applicable
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>			
Not given/not applicable	Not given/not applicable	Not given/not applicable	Not given/not applicable

## SECTION 15: REGULATORY INFORMATION

### 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) 2015/830)

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

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

not applicable

### Regulation EC 648/2004 on detergents

No information.

### Special instructions

No information.

### 15.2 CHEMICAL SAFETY ASSESSMENT

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

## SECTION 16: OTHER INFORMATION

### Indication of changes

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



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## Key literature references and sources for data

No information.

## 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  
LC50 - Lethal Concentration to 50 % of a test population  
LD50 - 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  
(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

## List of relevant H phrases



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H301 Toxic if swallowed.  
H310 Fatal in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H330 Fatal if inhaled.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.