

## SAFETY DATA SHEET

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

#### 1.1. PRODUCT IDENTIFIER

Product name

**MITOSOL 3905**



chemius.net/p3wb1

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

Relevant identified uses

Thinner

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)

Flam. Liq. 2; H225 Highly flammable liquid and vapour.

Eye Irrit. 2; H319 Causes serious eye irritation.

STOT SE 3; H336 May cause drowsiness or dizziness.

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### 2.2 LABEL ELEMENTS

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



Signal word: **Danger**

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

EUH066 Repeated exposure may cause skin dryness or cracking.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P262 Do not get in eyes, on skin, or on clothing.

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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

P501 Dispose of contents/container in accordance with national regulation.

#### 2.2.2. Contains:

ethyl acetate

acetone

#### 2.2.3. Special provisions

Special hazards are not known or expected.

### 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	%	Classification according to Regulation (EC) No 1272/2008 (CLP)	Specific Conc. Limits	REACH Registration No.
ethyl acetate	141-78-6 205-500-4 607-022-00-5	80	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066		01-2119475103-46
acetone	67-64-1 200-662-2 606-001-00-8	20	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336 EUH066		01-2119471330-49

## SECTION 4. FIRST AID MEASURES

### 4.1. DESCRIPTION OF FIRST AID MEASURES

#### General notes

Never give anything by mouth to an unconscious person. Place patient in recovery position and ensure airway patency.

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### Following inhalation

Remove patient to fresh air - move out of dangerous area. If victim is not breathing give artificial respiration. If symptoms develop and persist, seek medical attention.

### 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. If symptoms develop and persist, seek medical attention.

### Following eye contact

Immediately flush eyes with running water, keeping eyelids apart. If irritation does not stop, seek professional medical treatment!

### Following ingestion

Provoke vomiting only when patient is conscious. Rinse mouth thoroughly with water. Drink plenty of water in small sips. Consult a physician. Show the physician the safety data sheet or label.

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

### Inhalation

Vapours may cause drowsiness and dizziness.

### Skin contact

Causes irritation of mucous membrane.

Repeated exposure may cause dry skin or cracked skin.

### Eye contact

Redness, tearing, pain.

### Ingestion

Irritates mucous membranes in the mouth, throat, esophagus and in gastrointestinal area.

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

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## SECTION 5. FIREFIGHTING MEASURES

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### 5.1. EXTINGUISHING MEDIA

#### Suitable extinguishing media

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

Fire extinguishing powder. Extinguish large fires with water spray or alcohol-resistant foam.

#### Unsuitable extinguishing media

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

#### Hazardous combustion products

-

### 5.3. ADVICE FOR FIREFIGHTERS

#### Protective actions

In case of fire do not breathe fumes/gases. Cool containers at risk with water spray. If possible remove containers from endangered area. Prolonged heating can cause an explosion. Vapours can form explosive mixtures with air. Use water spray to reduce vapors; vapor clouds of ethyl acetate can travel long distances and in contact with an ignition source can explode; material can burn on the water.

#### 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).

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

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#### 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. Keep away from sources of ignition and/or heat; No smoking! Prevent access to unprotected personnel. Do not use open fire and keep away all sources of ignition. Do not breathe vapour or mist. Avoid contact with skin and eyes.

##### 6.1.2. For emergency responders

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#### 6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow product to reach water/drains/sewage systems or permeable soil. If accidental large entry into water or ground occurs, inform responsible 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.

##### 6.3.3. Other information

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#### 6.4. REFERENCE TO OTHER SECTIONS

See also Sections 8 and 13.

### SECTION 7. HANDLING AND STORAGE

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#### 7.1. PRECAUTIONS FOR SAFE HANDLING

##### 7.1.1. Protective measures

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

Ensure adequate ventilation. Keep away from sources of ignition - no smoking. Use spark-proof tools. Take precautionary measures against static discharges.

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

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

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##### 7.1.2. Advice on general occupational hygiene

Use good personal hygiene practices – wash hands at breaks and when done working with material. Do not eat, drink or smoke while working. Avoid contact with skin and eyes. Do not breathe vapours/mist.

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

##### 7.2.1. Technical measures and storage conditions

Keep in cool and well ventilated area. Protect from open fire, heat and direct sunlight. Keep away from food, drink and animal feeding stuffs. Keep in well closed containers.

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### 7.2.2. Packaging materials

Store only in original container.

### 7.2.3. Requirements for storage rooms and vessels

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### 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

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### 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

Name (CAS)	Limit values		Short-term exposure limit		Remarks	Biological Tolerance Values
	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>	ml/m <sup>3</sup> (ppm)	mg/m <sup>3</sup>		
Ethyl acetate (141-78-6)	200	734	400	1468		
Acetone (67-64-1)	500	1210	1500	3620		

#### 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.

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### 8.1.3. DNEL/DMEL values

#### For components

Name	Type	Exposure route	Exposure frequency	Value	Remark
ethyl acetate (141-78-6)	Worker	inhalation	short term (systemic effects)	1468 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Worker	inhalation	short term (local effects)	1468 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Worker	dermal	long term (systemic effects)	63 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Worker	inhalation	long term (systemic effects)	734 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Worker	inhalation	long term (local effects)	734 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	inhalation	short term (systemic effects)	734 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	inhalation	short term (local effects)	734 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	dermal	long term (systemic effects)	37 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	inhalation	long term (systemic effects)	367 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	oral	long term (systemic effects)	4,5 mg/m <sup>3</sup>	
ethyl acetate (141-78-6)	Consumer	inhalation	long term (local effects)	367 mg/m <sup>3</sup>	
acetone (67-64-1)	Worker	dermal	long term (systemic effects)	186 mg/kg bw/day	
acetone (67-64-1)	Worker	inhalation	long term (systemic effects)	1210 mg/m <sup>3</sup>	
acetone (67-64-1)	Worker	inhalation	short term (local effects)	2420 mg/m <sup>3</sup>	
acetone (67-64-1)	Consumer	dermal	long term (systemic effects)	62 mg/kg bw/day	
acetone (67-64-1)	Consumer	inhalation	long term (systemic effects)	200 mg/m <sup>3</sup>	
acetone (67-64-1)	Consumer	oral	long term (systemic effects)	62 mg/kg bw/day	

### 8.1.4. PNEC values

#### For components

Name	Exposure route	Value	Remark
ethyl acetate (141-78-6)	fresh water	0,26 mg/L	
ethyl acetate (141-78-6)	marine water	0,026 mg/L	
ethyl acetate (141-78-6)	water, intermittent release	1,65 mg/L	
ethyl acetate (141-78-6)	water treatment plant	650 mg/L	
ethyl acetate (141-78-6)	fresh water sediment	1,25 mg/kg	
ethyl acetate (141-78-6)	marine water sediment	0,125 mg/kg	
ethyl acetate (141-78-6)	soil	0,24 mg/kg	
ethyl acetate (141-78-6)	food chain	200 mg/kg	oral
acetone (67-64-1)	marine water	1,06 mg/L	
acetone (67-64-1)	fresh water	10,6 mg/L	
acetone (67-64-1)	fresh water sediment	30,4 mg/kg	
acetone (67-64-1)	marine water sediment	3,04 mg/kg	
acetone (67-64-1)	soil	0,112 mg/kg	
acetone (67-64-1)	water treatment plant	29,5 mg/L	
acetone (67-64-1)	water, intermittent release	21 mg/L	

## 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.

#### Technical measures to prevent exposure

Provide good ventilation and local exhaust in areas with increased concentration.

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### 8.2.2. Personal protective equipment

#### Eye and face protection

Safety glasses with side protection (EN 166).

#### Hand protection

Protective gloves (EN 374).

#### Skin protection

Cotton protective clothing and shoes that cover the entire foot (EN ISO 20345:2011).

#### Respiratory protection

In case of insufficient ventilation wear suitable respiratory protection. Protective mask with organic vapour filter. Protective masks (EN 136) or half masks (EN 140) with filter A (EN 14387).

#### Thermal hazards

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### 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:	colourless
-	Odour:	characteristic

### Important health, safety and environmental information

-	pH	No information.
-	Melting point/freezing point	No information.
-	Initial boiling point/boiling range	> 35 °C
-	Flash point	< 0 °C
-	Evaporation rate	No information.
-	Flammability (solid, gas)	No information.
-	Explosion limits (vol%)	2,2 – 12,8 vol %
-	Vapour pressure	No information.
-	Vapour density	No information.
-	Density	No information.
-	Solubility	<b>Water:</b> Soluble
-	Partition coefficient	No information.
-	Auto-ignition temperature	No information.
-	Decomposition temperature	No information.
-	Viscosity	No information.
-	Explosive properties	Product is not self igniting. Product is not explosive. However, formation of explosive air/ vapour mixtures are possible.
-	Oxidising properties	No information.
-	Particle characteristics	No information.

### 9.2. OTHER INFORMATION

-	Remarks:	Soluble in alcohol, ether, chloroform
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### SECTION 10. STABILITY AND REACTIVITY

#### 10.1. REACTIVITY

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#### 10.2. CHEMICAL STABILITY

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

#### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

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#### 10.4. CONDITIONS TO AVOID

Protect from heat, direct sunlight, open fire, sparks.

#### 10.5. INCOMPATIBLE MATERIALS

Bases.

#### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Under normal use conditions no hazardous decomposition products are expected. In case of fire/explosion vapours/gases that pose a health hazard are released.

### SECTION 11. TOXICOLOGICAL INFORMATION

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

##### (a) Acute toxicity

Name	Exposure route	Type	Species	Time	Value	Method	Remark
ethyl acetate (141-78-6)	oral	LD <sub>50</sub>	rat		5600 mg/kg		
ethyl acetate (141-78-6)	dermal	LD <sub>50</sub>	rabbit		18000 mg/kg		
ethyl acetate (141-78-6)	inhalation	LC <sub>50</sub>	rat	8 h	58 mg/l		
acetone (67-64-1)	oral	LD <sub>50</sub>	rat		5800 mg/kg bw		
acetone (67-64-1)	dermal	LD <sub>50</sub>	rat		> 15800 mg/kg bw		
acetone (67-64-1)	dermal	LD <sub>50</sub>	rabbit		> 15800 mg/kg bw		
acetone (67-64-1)	inhalation	LC <sub>50</sub>	rat	4 h	76 mg/l		vapours
acetone (67-64-1)	inhalation	LC <sub>50</sub>	rat	4 h	76 ppmV		gas

##### (b) Skin corrosion/irritation

Name	Species	Time	Result	Method	Remark
ethyl acetate (141-78-6)	rabbit		No irritant effect.		

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

Name	Species	Time	Result	Method	Remark
ethyl acetate (141-78-6)	rabbit		Mild irritating.	OECD 405, GLP	
acetone (67-64-1)			Severe irritation.	OECD 405, GLP	
acetone (67-64-1)			redness, pain, blurred vision, possible corneal damage		

**Additional information:** Irritating to eyes.



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### (d) Respiratory or skin sensitisation

Name	Exposure route	Species	Time	Result	Method	Remark
ethyl acetate (141-78-6)	dermal	guinea pig		Non sensitising.	OECD 406	
acetone (67-64-1)	dermal			Non sensitising.		

### (e) (Germ cell) mutagenicity

Name	Type	Species	Time	Result	Method	Remark
ethyl acetate (141-78-6)	in-vitro mutagenicity	Chinese hamster ovary		Chromosome aberrations	OECD 473	experimental value
ethyl acetate (141-78-6)	in-vitro mutagenicity	Bacteria ( <i>S. typhimurium</i> )		Negative.	OECD 471 (EU B. 12/13)	Read across
ethyl acetate (141-78-6)	in-vivo mutagenicity	hamster		Negative.	OECD 474	experimental value
ethyl acetate (141-78-6)	in-vivo mutagenicity	mouse		Negative.	OECD 474	experimental value
acetone (67-64-1)				Not mutagenic.	OECD 471 (EU B. 12/13)	
acetone (67-64-1)				Not mutagenic.	OECD 473	
acetone (67-64-1)				Not mutagenic.	OECD 476	

### (f) Carcinogenicity

Name	Exposure route	Type	Species	Time	Value	Result	Method	Remark
acetone (67-64-1)	dermal	NOEL	mouse	357 days	79 mg	Not carcinogenic.		Literature

### (g) Reproductive toxicity

Name	Reproductive toxicity type	Type	Species	Time	Value	Result	Method	Remark
ethyl acetate (141-78-6)	Maternal toxicity	NOAEL	rat		16000 ppm		OECD 414	
ethyl acetate (141-78-6)	Teratogenicity	NOAEL	rat		20000 ppm		OECD 414	
ethyl acetate (141-78-6)	Developmental toxicity	NOAEL	rat		20000 ppm		OECD 414	
acetone (67-64-1)	Reproductive toxicity					No effect	OECD 414	

### Summary of evaluation of the CMR properties

No information.

### (h) STOT-single exposure

Name	Exposure route	Type	Species	Time	Organ	Value	Result	Method	Remark
acetone (67-64-1)	inhalation	-					sore throat, cough, state of confusion, headaches, vertigo, drowsiness, state of unconsciousness		
acetone (67-64-1)	oral	-					Symptoms: nausea, vomiting.		
acetone (67-64-1)	oral	-					sore throat, cough, state of confusion, headaches, vertigo, drowsiness, state of unconsciousness		
acetone (67-64-1)	inhalation						Irritates respiratory system.		

**Additional information:** May cause drowsiness or dizziness.

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### (i) STOT-repeated exposure

Name	Exposure route	Type	Species	Time	Organ	Value	Result	Method	Remark
ethyl acetate (141-78-6)	oral	NOAEL	rat	13 weeks		900 mg/kg			
ethyl acetate (141-78-6)	inhalation	LOAEL	rat	13 weeks		350 ppm			
acetone (67-64-1)	-	-					may cause effects on the central nervous system, liver, kidneys and gastrointestinal tract		
acetone (67-64-1)	dermal	-			skin		Repeated or prolonged exposure may cause dermatitis.		
acetone (67-64-1)	-	-					may have effects on the blood and bone marrow		

**Additional information:** Repeated exposure may cause skin dryness or cracking.

### (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

##### For components

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
ethyl acetate (141-78-6)	LC <sub>50</sub>	230 mg/L	96 h	fish	<i>Pimephales promelas</i>		
	ErC <sub>50</sub>	3300 mg/L	48 h	algae	<i>Desmodesmus subspicatus</i>		
	NOEC	2900 mg/L	16 h	bacteria	<i>Pseudomonas putida</i>		
	EC <sub>50</sub>	717 mg/L	48 h	crustacea	<i>Daphnia magna</i>	DIN 38412	
acetone (67-64-1)	LC <sub>50</sub>	5540 mg/L	96 h	fish	<i>Oncorhynchus mykiss</i>		
	LC <sub>50</sub>	11000 mg/L	96 h	fish	<i>Alburnus alburnus</i>		
	LC <sub>50</sub>	8800 mg/L	48 h	crustacea	<i>Daphnia magna</i>		
	NOEC	430 mg/L	96 h	algae			

#### 12.1.2. Chronic (long-term) toxicity

##### For components

Substance (CAS Nr.)	Type	Value	Exposure time	Species	Organism	Method	Remark
ethyl acetate (141-78-6)	NOEC	< 9,65 mg/l	32 days	fish	<i>Pimephales promelas</i>		
	NOEC	2,4 mg/l	21 days	crustacea	<i>Daphnia magna</i>		
acetone (67-64-1)	NOEC	2212 mg/l	8 days	crustacea	<i>Daphnia magna</i>		

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### 12.2. PERSISTENCE AND DEGRADABILITY

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

##### For components

Substance (CAS Nr.)	Environment	Type / Method	Half Time	Evaluation	Method	Remark
ethyl acetate (141-78-6)	water	hydrolysis		poor		
ethyl acetate (141-78-6)	Air	photodegradation		slowly		

#### 12.2.2. Biodegradation

##### For components

Substance (CAS Nr.)	Type	Rate	Time	Evaluation	Method	Remark
ethyl acetate (141-78-6)	aerobic	79 %	20 days	readily biodegradable	OECD 301 D	
acetone (67-64-1)	aerobic	91 %	28 days	readily biodegradable	OECD 301 B	
acetone (67-64-1)	COD	2,21 g O <sub>2</sub> /g				

### 12.3. BIOACCUMULATIVE POTENTIAL

#### 12.3.1. Partition coefficient

##### For components

Substance (CAS Nr.)	Media	Value	Temperature	pH	Concentration	Method
ethyl acetate (141-78-6)	Octanol-water (log Pow)	0,6				
acetone (67-64-1)	Octanol-water (log Pow)	-0,24	20 °C			

#### 12.3.2. Bioconcentration factor (BCF)

##### For components

Substance (CAS Nr.)	species	Organism	Value	Duration	Evaluation	Method	Remark
ethyl acetate (141-78-6)	organism	fish	30				
acetone (67-64-1)	BCF		3				Calculated value

### 12.4. MOBILITY IN SOIL

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

##### For components

Substance (CAS Nr.)	Air	Water	Soil	Sediment	(Aquatic) Biota	Method	Remark
ethyl acetate (141-78-6)	51,3	35,3	13,3	0,27		Mackay level 3	

#### 12.4.2. Surface tension

##### For components

Substance (CAS Nr.)	Value	Temperature	Concentration	Method	Remark
ethyl acetate (141-78-6)	0,024 N/m	20 °C			

#### 12.4.3. Adsorption/Desorption

##### For components

Substance (CAS Nr.)	Type	Criterion	Value	Evaluation	Method	Remark
ethyl acetate (141-78-6)	Soil	Henry constant (H)	0,00012 Pa.m <sup>3</sup> / mol			
acetone (67-64-1)	Soil	log KOC	0,17			20 °C
acetone (67-64-1)	Soil	Henry constant (H)	2929 – 3070 Pa.m <sup>3</sup> / mol			25 °C

### 12.5. RESULTS OF PBT AND VPVB ASSESSMENT

No evaluation.

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### 12.6. ENDOCRINE DISRUPTING PROPERTIES

No information.

### 12.7. ADDITIONAL INFORMATION

#### For product

Do not allow to reach ground water, water courses or sewage system.

#### For components

##### Substance: ethyl acetate

Not expected to adsorb on soil.

After evaporation or exposure to the air, the product will be slowly degraded by photochemical processes.

Bioaccumulation is low.

Very mobile in soil.

The product will be dispersed amongst the various environmental compartments (soil/ water/ air).

This substance is not PBT-/vPvB..

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1. WASTE TREATMENT METHODS

#### 13.1.1. 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

14 06 03\* - other solvents and solvent mixtures

##### Packaging

Deliver completely emptied containers to approved waste disposal authorities.

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

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

#### 13.1.2. Waste treatment-relevant information

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#### 13.1.3. Sewage disposal-relevant information

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#### 13.1.4. Other disposal recommendations

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## SECTION 14. TRANSPORT INFORMATION

### 14.1. UN NUMBER OR ID NUMBER

UN 1993

### 14.2. UN PROPER SHIPPING NAME

FLAMMABLE LIQUID, N.O.S. (acetone, ethyl acetate)

### 14.3. TRANSPORT HAZARD CLASS(ES)

3

### 14.4. PACKING GROUP

II

### 14.5. ENVIRONMENTAL HAZARDS

NO.



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### 14.6. SPECIAL PRECAUTIONS FOR USER

**Limited quantities**

1 L

**Tunnel restriction code**

(D/E)

**IMDG flashpoint**

0 °C, c.c.

**IMDG EmS**

F-E, S-E

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

Goods may not be carried in bulk in bulk containers, containers or vehicles.

## 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.

## SECTION 16. OTHER INFORMATION

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#### 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

## SAFETY DATA SHEET

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  
(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

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.

## SAFETY DATA SHEET

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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.