

Date of issue: 31.08.2017 Replaces Data Sheet of: 19.11.2013  
 "\*" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



## SECTION 1: Identification of the substance/mixture and of the company/undertaking

- 1.1 **Product identifier**  
**Trade Name:** LABIONIQ softsep  
**Article No.:** n.av.  
**Preparation No.:** n.av.  
**Registration No.:** n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**  
 Identified uses: Special separating liquid for sawcut models
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**  
 LABIONIQ Germany, Luitpoldstraße 9, D- 86381 Krumbach  
 Telephone: +49 – 8282-827482, Telefax: +49 – 8282 827484, E-Mail: info@labioniq.com
- 1.3.2 **Responsible for the data sheet:**  
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**  
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning  
 Telephone: +49 – 8282-827482 (8:30 – 17:00) Telephone: +44 870 600 6266

## SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**  
**Classification and labelling according to Directive 1272/2008/EC:**  
 Flam. Liq. 3; H226 / Asp. Tox. 1; H304 / STOT SE 3; H336 / Aquatic Chronic 2; H411
- 2.2 **Label elements**  
 Classification according to 1272/2008/EC: Yes.  
 Applicable Exemptions: No.  
 Signal word(s): Danger  
 Component(s): Contains Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics
- H - Phrases:**  
 H226: Flammable liquid and vapour.  
 H304: May be fatal if swallowed and enters airways.  
 H336: May cause drowsiness or dizziness.  
 H411: Toxic to aquatic life with long lasting effects.
- P - Phrases:**  
 P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
 P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.  
 No smoking.  
 P271: Use only outdoors or in a well-ventilated area.  
 P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/ doctor  
 P331: Do NOT induce vomiting.  
 P501a: Dispose of contents/container to special waste collection point.
- Additional Markings:  
 EUH066: Repeated exposure may cause skin dryness or cracking.
- The above mentioned labelling is valid for distribution to industrial user.
- 2.3 **Other hazards**  
 Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.  
 In use, may form flammable/explosive vapour-air mixture.  
 This mixture contains no substances which are assessed to be PBT or vPvB.

Hazard pictogram(s):



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**SECTION 3: Composition/information on ingredients****3.1 Substances**

n.ap.

**3.2 Mixtures****Chemical Characterisation:**

Preparation, Hydrocarbons

**Dangerous Ingredients:**

* Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
Hazard Code(s) / H - phrases					
<b>Hydrocarbons, C9-C11, isoalkanes, cyclics, &lt;2% aromatics</b>					<b>&lt; 85%</b>
1174522-20-3	n.ap.	920-134-1	01-2119458049-33-xxxx		
Flam. Liq. 3; H226 / Asp. Tox. 1; H304 / STOT SE 3; H336					

Text of H - phrases: see section 16

m% - range:  $x - y \leq x \geq - < y$ **SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of vapours or decomposition products.

Consult a physician for severe cases.

**4.1.2 Skin Contact:**

Wash off with warm water and soap. If symptoms persist, call a physician.

**4.1.3 Eye Contact:**

In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

**4.1.4 Ingestion:**

Call a physician immediately. Do not induce vomiting.

Clean mouth with water and afterwards drink plenty of water.

**4.2 Most important symptoms and effects, both acute and delayed**

Risk of product entering the lungs on vomiting after ingestion. Aspiration may cause pulmonary oedema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

**4.3 Indication of any immediate medical attention and special treatment needed**

Aspiration may cause pulmonary oedema and pneumonitis.

Later control for pneumonia and lung oedema.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use sand, dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

high volume water jet

**5.2 Special hazards arising from the substance or mixture**

In the event of fire the following can be released: Carbon oxides, fumes

**5.3 Advice for firefighters****5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

**5.3.2 Additional Information:**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Use water spray to cool unopened containers.

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**SECTION 6: Accidental release measures**

- 6.1 **Personal precautions, protective equipment and emergency procedures**  
See chapter 8.2.2  
Remove all sources of ignition. Contaminated surfaces will be extremely slippery.
- 6.2 **Environmental precautions**  
Do not contaminate water. Do not let product enter drains. Local authorities should be advised if significant spillages cannot be contained. Prevent spreading over a wide area (e.g. by containment or oil barriers).
- 6.3 **Methods and material for containment and cleaning up**  
Soak up with oil absorbent material. Shovel into suitable container for disposal.
- 6.4 **Reference to other sections**  
None.

**SECTION 7: Handling and storage**

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**  
Avoid contact with skin and eyes. Remove and wash contaminated clothing before re-use.  
Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.  
Do not breathe vapours or spray mist.
- 7.1.2 **Precautions in Case of Fire and Explosion:**  
Keep away from naked flames, hot surfaces and sources of ignition. Do not smoke.  
Take measures to prevent the build up of electrostatic charge.  
Keep product and empty container away from heat and sources of ignition.  
Preparation may charge electrostatically: always use earthing leads when transferring from one container to another.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**  
Keep in an area equipped with solvent resistant flooring. Avoid subsoil penetration.  
Keep containers tightly closed in a dry, cool and well-ventilated place. Store in original container.  
Keep away from direct sunlight.
- 7.2.2 **Store away from:**  
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**  
Ensure adequate ventilation. Vapours are heavier than air and may spread along floors.  
Keep at temperatures between 10 and 30°C.
- 7.3 **Specific end use(s)**  
n.av.

**SECTION 8: Exposure controls/personal protection**

- 8.1 **Control parameters**
- | Material | Limit Value |
|----------|-------------|
|          |             |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**  
Provide appropriate exhaust ventilation at machinery.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** Breathing apparatus needed only when aerosol or mist is formed.  
Breathing apparatus with filter. A
- 8.2.2b **Hand Protection:** Use protective skin cream before handling the product. solvent-resistant gloves  
Fluorinated rubber nitrile rubber As the product is a preparation of several substances, the durability of the glove materials cannot be calculated in advance and has to be tested before use. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- 8.2.2c **Eye Protection:** tightly fitting safety goggles
- 8.2.2d **Skin Protection:** protective suit
- 8.2.2e **Further Information:** Observe wearing time limits:
- 8.2.3 **Environmental exposure controls:**  
n.av.

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**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties**

9.1.1	<b>Form:</b> liquid	<b>Colour:</b> White - opaque	<b>Odour:</b> characteristic
			<b>Odour threshold:</b> n.av.
9.1.2	pH-value, undiluted:	n.ap.	
	pH-value, 1% aqueous solution:	n.ap.	
9.1.3	Boiling point / Boiling - range (°C):*	> 130, Melting point / Melting range (°C): n.av.	
9.1.4	Flash point (°C):*	> 28, closed cup	
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	> 200	
9.1.7	Autoflammability (EEC A16):	No.	
9.1.8	Oxidising properties:	No.	
9.1.9	Explosion hazard:*	In use, may form flammable/explosive vapour-air mixture.	
9.1.10	Explosion limits (Vol.%) lower:	0,7, upper: 6	
9.1.11	Vapour pressure:*	15 hPa / <24 hPa (20°C/50°C Lit.)	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	0,81	
9.1.13	Solubility (in Water):	immiscible	miscible with most organic solvents
9.1.14	Partition coefficient, n-Octanol / Water:	n.ap.	
9.1.15	Viscosity:	< 7 mm <sup>2</sup> / s (23°C)	
9.1.16	Solvent content (m %):	75 – 100	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	<b>Other information</b>		
	n.av.		

**SECTION 10: Stability and reactivity**

10.1	<b>Reactivity</b>
	None.
10.2	<b>Chemical stability</b>
	Stable under normal conditions.
10.3	<b>Possibility of hazardous reactions</b>
	In use, may form flammable/explosive vapour-air mixture.
10.4	<b>Conditions to avoid</b>
	Heat, flames and sparks. Avoid temperatures above 30°C.
10.5	<b>Incompatible materials</b>
	Incompatible with oxidizing agents.
10.6	<b>Hazardous decomposition products</b>
	No decomposition if stored and applied as directed.
	To avoid thermal decomposition, do not overheat.

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**SECTION 11: Toxicological information****11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: n.av.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: None.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

\* STOT-single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: n.av.

\* Aspiration hazard: May be fatal if swallowed and enters airways.

**11.1.1 – Practical Experience**

11.1.11 n.av.

**11.1.12 Practical Experience**

Observations relevant for classification:

Prolonged skin contact may defat the skin and produce dermatitis. Smallest quantities reaching the lungs through swallowing or subsequent vomiting may result in lung oedema or pneumonia.

Further Observations:

None.

Classification of the preparation has been done by calculation in accordance with EEC directives.

**SECTION 12: Ecological information****12.1 Toxicity**

\* We have no quantitative data concerning the ecological effects of this product.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**12.2 Persistence and degradability**

The product is slightly soluble in water. It can be eliminated from water by abiotic processes.

The product evaporates readily.

**12.3 Bioaccumulative potential**

n.av.

**12.4 Mobility in soil**

n.av.

**12.5 Results of PBT and vPvB assessment**

n.av.

**12.6 Other adverse effects**

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: Not applicable.

12.6.4 Significant Components: hydrocarbons.

12.6.5 Other adverse effects: Not applicable.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 8

Waste - Code - No.: 12 01 07

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

**13.2 Contaminated Packaging**

13.2.1 Recommendation: Wash with suitable cleaner. Otherwise as described under Residues.




13.2.2 Safe Handling: As described under Residues.

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**SECTION 14: Transport information**

	<b>ADR</b>	<b>IMDG</b>	<b>IATA</b>
14.1	<b>UN number</b> 3295*	3295*	3295*
14.2	<b>UN proper shipping name</b> UN 3295 Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics)	Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics) & MARINE POLLUTANT	Hydrocarbons, liquid, n.o.s. (Hydrocarbons, C9-C11, isoalkanes, cyclics, <2% aromatics)
14.3	<b>Transport hazard class(es)</b> 3 	3 	3 
14.4	<b>Packing group</b> II	II	II
14.5	<b>Environmental hazards</b>	Yes.	
14.6	<b>Special precautions for user</b> Transport category: 2 Classification Code: F1 Hazard - No.: 33 LQ: 1 L	F-E; S-D	Packing Instructions (Passenger) 353 Packing Instructions (Cargo) 364
14.7	<b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> n.av.		

**SECTION 15: Regulatory information**

15.1	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b> n.av.
15.2	<b>Chemical safety assessment :</b> n.ap.

**SECTION 16: Other information****Text of H phases mentioned in Section 3**

EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

H411: Toxic to aquatic life with long lasting effects.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

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