



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

### 1.1 Product identifier

Trade name : Sika-Trocal Cleaner L 100  
REACH Registration Number : 01-2119475103-46-XXXX  
Substance name : ethyl acetate  
EC-No. : 205-500-4

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Product use : Pretreatment agent

### 1.3 Details of the supplier of the safety data sheet

Company name of supplier : Sika Hellas ABEE  
15 Protomagias Street  
145 68 Kryoneri / Athens  
Telephone : +30 210 81 60 600  
Telefax : +30 210 81 60 606  
E-mail address of person : EHS@gr.sika.com  
responsible for the SDS

### 1.4 Emergency telephone number

Poison Information Center + 30 210 77 93 777  
Poison Information Center: 1401 (Cyprus)

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## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

|  |   |
|--|---|
| Flammable liquids, Category 2  | H225: Highly flammable liquid and vapour. |
| Eye irritation, Category 2   | H319: Causes serious eye irritation.      |
| Specific target organ toxicity - single exposure, Category 3, Central nervous system | H336: May cause drowsiness or dizziness.  |

### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :  

Signal word : Danger



|                                |   |   |
|--------------------------------|---|---|
| Hazard statements              | : H225<br>H319<br>H336                                      | Highly flammable liquid and vapour.<br>Causes serious eye irritation.<br>May cause drowsiness or dizziness.   |
| Supplemental Hazard Statements | : EUH066  | Repeated exposure may cause skin dryness or cracking.   |
| Precautionary statements       | : <b>Prevention:</b><br>P210<br><br>P233<br>P261<br>P280    | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.<br>Keep container tightly closed.<br>Avoid breathing mist or vapours.<br>Wear protective gloves/ protective clothing/ eye protection/ face protection. |
|                                | : <b>Response:</b><br>P303 + P361 + P353<br><br>P370 + P378 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.<br>In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  |

#### Additional Labelling

The data sheet for medical personnel is available at the here provided emergency address.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

EC-No. : 205-500-4

#### Components

| Chemical name | CAS-No.<br>EC-No. | Concentration (%)<br>w/w) | M-Factor, SCL, ATE |
|---------------|-------------------|---------------------------|--------------------|
|---------------|-------------------|---------------------------|--------------------|



|               |                       |     |  |
|---------------|-----------------------|-----|--|
| ethyl acetate | 141-78-6<br>205-500-4 | 100 |  |
|---------------|-----------------------|-----|--|

Regulation (EC) No. 648/2004, as amended : Product is subject to the Detergents Regulation

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move out of dangerous area.  
Consult a physician.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.  
Consult a physician after significant exposure.
- In case of skin contact : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.  
If symptoms persist, call a physician.
- In case of eye contact : Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

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

- Symptoms : Excessive lachrymation  
Erythema  
Loss of balance  
Vertigo  
See Section 11 for more detailed information on health effects and symptoms.
- Risks : irritant effects  
  
Causes serious eye irritation.  
May cause drowsiness or dizziness.  
Repeated exposure may cause skin dryness or cracking.

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

- Treatment : Treat symptomatically.



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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical

Unsuitable extinguishing media : Water  
High volume water jet

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

Specific hazards during fire-fighting : Do not use a solid water stream as it may scatter and spread fire.

Hazardous combustion products : No hazardous combustion products are known

### 5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : 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

Personal precautions : Use personal protective equipment.  
Remove all sources of ignition.  
Deny access to unprotected persons.  
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains inform respective authorities.

### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

### 6.4 Reference to other sections

For personal protection see section 8.



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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

- Advice on safe handling : Do not breathe vapours or spray mist.  
Avoid exceeding the given occupational exposure limits (see section 8).  
Do not get in eyes, on skin, or on clothing.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharge.  
Open drum carefully as content may be under pressure.  
Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours).  
Follow standard hygiene measures when handling chemical products
- Advice on protection against fire and explosion : Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

### 7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Store in cool place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations.
- Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

- Specific use(s) : Consult most current local Product Data Sheet prior to any use.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

| Components                      | CAS-No.  | Value type (Form of exposure) | Control parameters *               | Basis *     |
|---------------------------------|----------|-------------------------------|------------------------------------|-------------|
| ethyl acetate                   | 141-78-6 | STEL                          | 400 ppm<br>1.468 mg/m <sup>3</sup> | 2017/164/EU |
| Further information: Indicative |          |                               |                                    |             |
|                                 |          | TWA                           | 200 ppm<br>734 mg/m <sup>3</sup>   | 2017/164/EU |
|                                 |          | TWA                           | 200 ppm                            | GR OEL      |



|  |  |      |                        |        |
|--|--|------|------------------------|--------|
|  |  |      | 734 mg/m3              |        |
|  |  | STEL | 400 ppm<br>1.468 mg/m3 | GR OEL |

\*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

**8.2 Exposure controls**

**Engineering measures**

Maintain air concentrations below occupational exposure standards.  
 Ensure adequate ventilation, especially in confined areas.

**Personal protective equipment**

- Eye/face protection : Safety glasses with side-shields conforming to EN166  
 Eye wash bottle with pure water
- Hand protection : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.

Suitable for short time use or protection against splashes:  
 Butyl rubber/nitrile rubber gloves (> 0,1 mm)  
 Contaminated gloves should be removed.  
 Suitable for permanent exposure:  
 Viton gloves (0.4 mm),  
 breakthrough time >30 min.

- Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection : In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
 organic vapor filter (Type A)  
 A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm  
 Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

**Environmental exposure controls**

- General advice : Prevent product from entering drains.  
 If the product contaminates rivers and lakes or drains inform respective authorities.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

Physical state : liquid



|                                      |   |                   |
|--------------------------------------|---|-------------------|
| Colour                               | : | colourless        |
| Odour                                | : | fruity            |
| Melting point/range / Freezing point | : | No data available |
| Boiling point/boiling range          | : | ca. 77 °C         |
| Flammability (solid, gas)            | : | No data available |

**Upper/lower flammability or explosive limits**

|  |   |                             |
|--|---|-----------------------------|
| Upper explosion limit / Upper flammability limit | : | 11,5 %(V)                   |
| Lower explosion limit / Lower flammability limit | : | 2,1 %(V)                    |
| Flash point                                      | : | -4 °C<br>Method: closed cup |
| Auto-ignition temperature                        | : | 427 °C                      |
| Decomposition temperature                        | : | No data available           |
| pH   | : | Not applicable              |

**Viscosity**

|                      |   |                                |
|----------------------|---|--------------------------------|
| Viscosity, kinematic | : | > 7 mm <sup>2</sup> /s (40 °C) |
|----------------------|---|--------------------------------|

**Solubility(ies)**

|  |   |                                   |
|--|---|-----------------------------------|
| Water solubility                       | : | insoluble                         |
| Partition coefficient: n-octanol/water | : | No data available                 |
| Vapour pressure                        | : | ca. 98,3 hPa (20 °C)              |
| Density                                | : | ca. 0,9 g/cm <sup>3</sup> (20 °C) |
| Relative vapour density                | : | No data available                 |
| Particle characteristics               | : | No data available                 |

**9.2 Other information**

No data available

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

No dangerous reaction known under conditions of normal use.



### 10.2 Chemical stability

The product is chemically stable.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.  
Vapours may form explosive mixture with air.

### 10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

### 10.5 Incompatible materials

Materials to avoid : No data available

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

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## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Not classified based on available information.

#### Components:

##### ethyl acetate:

Acute oral toxicity : LD50 Oral (Rat): > 5.000 mg/kg  
Acute inhalation toxicity : LC50 (Rat): ca. 1.600 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour  
Acute dermal toxicity : LD50 Dermal (Rabbit): > 5.000 mg/kg

#### Skin corrosion/irritation

Repeated exposure may cause skin dryness or cracking.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Not classified based on available information.

##### Respiratory sensitisation

Not classified based on available information.

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**Germ cell mutagenicity**

Not classified based on available information.

**Carcinogenicity**

Not classified based on available information.

**Reproductive toxicity**

Not classified based on available information.

**STOT - single exposure**

May cause drowsiness or dizziness.

**STOT - repeated exposure**

Not classified based on available information.

**Aspiration toxicity**

Not classified based on available information.

**11.2 Information on other hazards**

**Endocrine disrupting properties**

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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**SECTION 12: Ecological information**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

This product does not contain any tensides according to the definition in the EU Detergents Regulation (EU/648/2004) (>0,2%).

**12.3 Bioaccumulative potential**

No data available

**12.4 Mobility in soil**

No data available

**12.5 Results of PBT and vPvB assessment**

**Product:**

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..



## 12.6 Endocrine disrupting properties

**Product:**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## 12.7 Other adverse effects

**Product:**

Additional ecological information : There is no data available for this product.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

European Waste Catalogue : 14 06 03\* other solvents and solvent mixtures

Contaminated packaging : 15 01 10\* packaging containing residues of or contaminated by dangerous substances

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## SECTION 14: Transport information

### 14.1 UN number or ID number

ADR : UN 1173  
IMDG : UN 1173  
IATA : UN 1173

### 14.2 UN proper shipping name

ADR : ETHYL ACETATE  
IMDG : ETHYL ACETATE



**IATA** : Ethyl acetate

**14.3 Transport hazard class(es)**

|             | Class | Subsidiary risks |
|-------------|-------|------------------|
| <b>ADR</b>  | : 3   |                  |
| <b>IMDG</b> | : 3   |                  |
| <b>IATA</b> | : 3   |                  |

**14.4 Packing group**

**ADR**  
Packing group : II  
Classification Code : F1  
Hazard Identification Number : 33  
Labels : 3  
Tunnel restriction code : (D/E)

**IMDG**  
Packing group : II  
Labels : 3  
EmS Code : F-E, S-D

**IATA (Cargo)**  
Packing instruction (cargo aircraft) : 364  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

**IATA (Passenger)**  
Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable Liquids

**14.5 Environmental hazards**

**ADR**  
Environmentally hazardous : no

**IMDG**  
Marine pollutant : no

**IATA (Passenger)**  
Environmentally hazardous : no

**IATA (Cargo)**  
Environmentally hazardous : no

**14.6 Special precautions for user**

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.



**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

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**SECTION 15: Regulatory information**

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

International Chemical Weapons Convention (CWC) : Not applicable  
Schedules of Toxic Chemicals and Precursors

REACH Information: All substances contained in our Products are  
- registered by our upstream suppliers, and/or  
- registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Conditions of restriction for the following entries should be considered:  
Number on list 75, 40, 3

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : None of the components are listed  
(=> 0.1 %).

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

**P5c** FLAMMABLE LIQUIDS

Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV)  
Volatile organic compounds (VOC) content: 100% w/w

Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 100% w/w



### 15.2 Chemical safety assessment

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

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## SECTION 16: Other information

### Full text of other abbreviations

|                    |   |  |
|--------------------|---|--|
| 2017/164/EU        | : | Europe. Commission Directive 2017/164/EU establishing a fourth list of indicative occupational exposure limit values   |
| GR OEL             | : | Greece. Exposure limit values  |
| 2017/164/EU / STEL | : | Short term exposure limit  |
| 2017/164/EU / TWA  | : | Limit Value - eight hours  |
| GR OEL / TWA       | : | Long term exposure limit   |
| GR OEL / STEL      | : | Short term exposure limit  |
| ADR                | : | European Agreement concerning the International Carriage of Dangerous Goods by Road  |
| CAS                | : | Chemical Abstracts Service   |
| DNEL               | : | Derived no-effect level  |
| EC50               | : | Half maximal effective concentration   |
| GHS                | : | Globally Harmonized System   |
| IATA               | : | International Air Transport Association  |
| IMDG               | : | International Maritime Code for Dangerous Goods  |
| LD50               | : | Median lethal dose (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)  |
| LC50               | : | Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)   |
| MARPOL             | : | International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978  |
| OEL                | : | Occupational Exposure Limit  |
| PBT                | : | Persistent, bioaccumulative and toxic  |
| PNEC               | : | Predicted no effect concentration  |
| REACH              | : | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency |
| SVHC               | : | Substances of Very High Concern  |
| vPvB               | : | Very persistent and very bioaccumulative   |

### Further information

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

||| Changes as compared to previous version !

GR / EN

SAFETY DATA SHEET  
according to Regulation (EC) No. 1907/2006

**Sika-Trocal Cleaner L 100**



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