

## Elix Anti Graffiti

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

#### 1.1 - Product identifier

Trade name/designation Elix Anti Graffiti

Chemical name

Product-type Mixture

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

Relevant identified uses - PC35: Washing and cleaning products (including solvent based products).

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

ECS Cleaning Solutions GmbH

Wolfener Str. 32-34

D-12681 Berlin Germany

Telephone : +49 (0)30 / 36 46 40 36

gunnar.kleinmann@ecsag.com

#### 1.4 - Emergency telephone number

Germany: Intoxications Information Center; +49 761 19240

Switzerland: Swiss Toxicological Information Centre; +41 44 251 51 51

Austria: Intoxication information center; +43 1 406 43 43

### SECTION 2: Hazards identification

#### 2.1 - Classification of the substance or mixture

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

Not Classified	Not classified
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#### 2.2 - Label elements

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

Signal word : None

Pictograms : None

Hazard statements : None

Precautionary statements

P101	If medical advice is needed, have product container or label at hand.
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P102	Keep out of reach of children.
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EUH-phrases

EUH208	Contains citral (5392-40-5)   linalool; 3,7-dimethyl- 1,6-octadien-3-ol; dl-linalool; (78-70-6) . May produce an allergic reaction
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Regulation (EC) No. 648/2004 (Detergents regulation)

#### 2.3 - Other hazards

PBT-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

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vPvB-substance. - This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### SECTION 3: Composition / information on ingredients

#### 3.1 - Substances

Not applicable

#### 3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
citral	CAS No. : 5392-40-5 Index No. : 605-019-00-3 EC No. : 226-394-6	>= 0.3 - <= 0.75	Skin Irrit. 2 - H315 Skin Sens. 1 - H317	Not applicable
ethyl lactate, ethyl DL-lactate	CAS No. : 97-64-3 Index No. : 607-129-00-7 EC No. : 202-598-0	0.5	Eye Dam. 1 - H318 Flam. Liq. 3 - H226 STOT SE 3 (H335) - H335	Not applicable
Undecan-1-ol, ethoxylated	CAS No. : 34398-01-1 Index No. : EC No. : 500-084-3	0.5	Acute Tox. 4 Oral - H302 Eye Irrit. 2 - H319	Not applicable
linalool; 3,7-dimethyl-1,6-octadien-3-ol; dl-linalool;	CAS No. : 78-70-6 Index No. : 603-235-00-2 EC No. : 201-134-4	>= 0.075 - <= 0.3	Skin Sens. 1B - H317	Not applicable
methanol	CAS No. : 67-56-1 Index No. : 603-001-00-X EC No. : 200-659-6	>= 0.05 - < 0.241	Acute Tox. 3 Dermal - H311 Acute Tox. 3 Inhalation - H331 Acute Tox. 3 Oral - H301 Flam. Liq. 2 - H225 STOT SE 1 - H370	STOT SE 1 - H370 : 10>=%<=100 STOT SE 2 - H371 : 3>=%<10

### SECTION 4: First aid measures

#### 4.1 - Description of first aid measures

<u>Following inhalation</u>	- Provide fresh air.
<u>Following skin contact</u>	- Wash immediately with: Water - When in doubt or if symptoms are observed, get medical advice.
<u>After eye contact</u>	- Rinse immediately carefully and thoroughly with eye-bath or water. - In case of eye irritation consult an ophthalmologist.
<u>After ingestion</u>	- Rinse mouth thoroughly with water. - Do NOT induce vomiting.

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

<u>Symptoms and effects - Following inhalation</u>	- No information available.
<u>Symptoms and effects - Following skin contact</u>	- No information available.
<u>Symptoms and effects - After eye contact</u>	- No information available.
<u>Symptoms and effects - After ingestion</u>	- No information available.

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

### SECTION 5: Firefighting measures

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### 5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Carbon dioxide (CO<sub>2</sub>)
- Foam
- Extinguishing powder

Unsuitable extinguishing media

- Full water jet

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

Special hazards arising from the substance or mixture

- No information available.

### 5.3 - Advice for firefighters

- Co-ordinate fire-fighting measures to the fire surroundings.

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## SECTION 6: Accidental release measures

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### 6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

- Use personal protection equipment.
- Provide adequate ventilation.

For emergency responders

- No information available.

### 6.2 - Environmental precautions

- No information available.

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

Methods and material for containment

- No information available.

Methods and material for cleaning up

- Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).
- Wash with plenty of water.

Inappropriate techniques

- No information available.

### 6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8

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## SECTION 7: Handling and storage

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### 7.1 - Precautions for safe handling

Recommendation

- No special technical protective measures are necessary.

Advices on general occupational hygiene

- No information available.

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

- No information available.

### 7.3 - Specific end use(s)

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### SECTION 8: Exposure controls/personal protection

#### 8.1 - Control parameters

methanol (67-56-1)	
IOELV TWA mg/m3 (UE)	260 mg/m3 Skin
IOELV TWA ppm (UE)	200 ppm Skin

#### 8.2 - Exposure controls

Appropriate engineering controls - No information available.

### SECTION 9: Physical and chemical properties

#### 9.1 - Information on basic physical and chemical properties

<u>Physical state</u>	<u>Liquid</u>	<u>Appearance</u>	<u>Liquid</u>
<u>Colour</u>	colourless	<u>Odour</u>	characteristic
Odour threshold		No data available	
pH		No data available	
Melting point		No data available	
Freezing point		No data available	
Boiling point		No data available	
Flash point		> 93 °C	
Evaporation rate		No data available	
flammability		No data available	
Lower explosion limit		No data available	
Upper explosion limit		No data available	
Vapour pressure		No data available	
Vapour density		No data available	
Relative density		No data available	
Density		No data available	
Solubility (Water)		No data available	
Solubility (Ethanol)		No data available	
Solubility (Acetone)		No data available	
Solubility (Organic solvents)		No data available	
Log KOC		No data available	
Auto-ignition temperature		No data available	
Decomposition temperature		No data available	
Kinematic viscosity		No data available	
Dynamic viscosity		No data available	

#### Particle characteristics

Particle size	No data available
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#### 9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

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### SECTION 10: Stability and reactivity

#### 10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

#### 10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

#### 10.4 - Conditions to avoid

- No information available.

#### 10.5 - Incompatible materials

- No information available.

#### 10.6 - Hazardous decomposition products

- Does not decompose when used for intended uses.

### SECTION 11: Toxicological information

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

Acute toxicity - Not classified

#### Toxicity : Mixture

LD50 oral (rat)	No data available
LD50 dermal (rat)	No data available
LD50 dermal (rabbit)	No data available
LC50 inhalation (rat)	No data available
LC50 inhalation dusts and mists (rat)	No data available
LC50 inhalation vapours (rat)	No data available

- Based on available data, the classification criteria are not met.

#### Toxicity : Substances

ethyl lactate, ethyl DL-lactate (97-64-3)	
LD50 oral (rat)	> 2000 mg/kg
citral (5392-40-5)	
LD50 oral (rat)	6800 mg/kg
LD50 dermal (rat)	2000 mg/kg
linalool; 3,7-dimethyl- 1,6-octadien-3-ol; dl-linalool; (78-70-6)	
LD50 oral (rat)	2790 mg/kg
LD50 dermal (rat)	5610 mg/kg
LC50 inhalation vapours (rat)	> 3.2 mg/l

Skin corrosion/irritation - Not classified

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Serious eye damage/eye irritation - Not classified

Respiratory or skin sensitisation - Not classified

Germ cell mutagenicity - Not classified

Carcinogenicity - Not classified

Reproductive toxicity - Not classified

STOT-single exposure - Not classified

STOT-repeated exposure - Not classified

Aspiration hazard - Not classified

### 11.2 - Information on other hazards

- This substance does not have endocrine disrupting properties with respect to humans.
- This substance does not have endocrine disrupting properties with respect to humans.

## SECTION 12: Ecological information

### 12.1 - Toxicity

#### Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available
NOEC chronic other aquatic plants	No data available

#### Toxicity : Substances

<b>ethyl lactate, ethyl DL-lactate (97-64-3)</b>	
EC50 48 hr crustacea	774.36 mg/l
LC50 96 hr fish	284.312 mg/l
ErC50 algae	417.339 mg/l
<b>citral (5392-40-5)</b>	
EC50 48 hr crustacea	103.84 mg/l
LC50 96 hr fish	6.78 mg/l
NOEC chronic algae	1800 mg/l
<b>linalool; 3,7-dimethyl- 1,6-octadien-3-ol; dl-linalool; (78-70-6)</b>	
EC50 48 hr crustacea	59 mg/l
LC50 96 hr fish	27.8 mg/l
ErC50 algae	156.7 mg/l
NOEC chronic algae	54.3 mg/l

- The substance/mixture does not fulfill the criteria of the acute aquatic toxicity according to Regulation (EC) No 1272/2008 [CLP], Annex I.

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### 12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No information available.

### 12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No indication of bioaccumulation potential.

### 12.4 - Mobility in soil

- No information available.

### 12.5 - Results of PBT and vPvB assessment

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

- This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

### 12.6 - Endocrine disrupting properties

- No information available.

- The product contains a substance that is identified as having endocrine disrupting properties.

### 12.7 - Other adverse effects

- No information available.

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## SECTION 13: Disposal considerations

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### 13.1 - Waste treatment methods

Waste treatment methods - Dispose of waste according to applicable legislation.

Sewage disposal - No information available.

Special precautions for waste treatment - No information available.

Community or national or regional provisions - No information available.

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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

Not applicable

### 14.3 - Transport hazard class(es)

Not applicable

### 14.4 - Packing group

Not applicable

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### 14.5 - Environmental hazards

Not applicable

### 14.6 - Special precautions for user

Not applicable

### 14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

Regulation (EC) No. 648/2004 (Detergents regulation)

### 15.2 - Chemical Safety Assessment

Chemical safety assessment carried out for the product - No information available.

## SECTION 16: Other information

### SDS versions

Version	Issue date	Author	Description of the amendments
1	2/10/2023		

### Texts of the regulatory sentences

Acute Tox. 3 Dermal	Acute toxicity (dermal) - Category 3
Acute Tox. 3 Inhalation	Acute toxicity (inhalative) - Category 3
Acute Tox. 3 Oral	Acute toxicity (oral) - Category 3
Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
Eye Dam. 1	Serious eye damage, Category 1
Eye Irrit. 2	Eye irritation - Category 2
Flam. Liq. 2	Flammable liquid and vapour. - Category 2
Flam. Liq. 3	Flammable liquid and vapour. - Category 3
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour
H301	Toxic if swallowed
H311	Toxic in contact with skin
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H331	Toxic if inhaled



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H335	May cause respiratory irritation
H370	Causes damage to organs or state all organs affected, if known - state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard
Not Classified	Not classified
Skin Irrit. 2	Irritation, Category 2
Skin Sens. 1	Skin sensitization - Category 1
Skin Sens. 1B	Skin sensitization - Category 1B
STOT SE 1	STOT-single exposure - Category 1
STOT SE 3 (H335)	STOT-single exposure - Category 3 (H335)

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