

1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY**1.1. Product identifiers**Product name: **SURFACE CLEANING STRIPS WITH GLYCERINE AND OXALIC ACID**

V.4 2024

Ref.: AN60551/AN60552/ AN60554/ AN60555/ AN60556/ AN60557/ AN60558

Substance name Oxalic acid

CAS number 6153-56-6

EC number 205-634-3

CLP index number -

REACH registration number 01-2119534576-33-0001

UFI Number 2AV6-07T3-V5FV-0XAN

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

Cleaning agent for various surfaces

Do not mix the product with other cleaners

Professional use only**1.3. Details of the supplier of the safety data sheet**

Company: ANEL - Pantelakis

Address: 6 Street 45. BIOPA ANO LIOSIA, Attiki, Greece PC 13341

Telephone: +30 2102483870

Fax:

email: info@anel.grwebsite: www.anel.gr**1.4. Emergency telephone number**

+30 2102483870

2: HAZARDS IDENTIFICATION**2.1. Classification of the substance or mixture**

The product is classified as hazardous according to Reg.1272/2008/EC (CLP Regulation) & Reg. 1907/2006/EC (REACH Regulation): Eye Dam Cat.1, Ac. Tox (oral) Cat.4, Ac. Tox (dermal) Cat.4

2.2. Label elements

Labelling according to regulation 1272/2008/EC (CLP Regulation):



Pictogram:

Signal word: **DANGER**Hazard statement: **H318, H302, H312**

H318	Causes serious eye damage.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.

Precautionary statement: **P264, P280, P305+P351+P338, P301+P312, P102**

P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with wa-ter for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
P102	Keep out of reach of children.

Other information: **It contains oxalic acid**

2.3. Other hazards


None

3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

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3.2. Mixtures

Trade name / IUPAC name	CAS number Einecs/Elns number CLP number REACH Number	%w/w	Labelling according Regulation (EC) No 1272/2008 [CLP]
Oxalic Acid	6153-56-6 205-634-3 - 01-2119534576-33-0001	5-25	 Ac. Tox..4(oral): H302 Ac.Tox. 4(dermal): H312 Eye Dam 1: H318

4: FIRST AID MEASURES

4.1. Description of first aid measures

In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and if there is an irritation, a medical care is recommended
In case of skin contact	Wash off with soap and plenty of water
If inhaled	If a person remains in an area contaminated with vapors or fumes of the preparation (in case of fire), move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Never give anything by mouth to an unconscious person.

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

No data available

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

Wash eyes with saline water at least for 15min. Remove contact lenses

5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

5.2. Special hazards arising from the substance or mixture

The product is not explosive or flammable. At high temperatures during a fire, may form oxides of carbon and nitrogen. Exposure to smoke in these gases can cause significant health problems.

5.3. Advice for firefighters

Wear self contained breathing apparatus for firefighting if necessary. The equipment for firefighting must meet general requirements of Directive 98/37/EC and 94/9/EC. Firefighter's uniforms and personal protective equipment must be approved (see section 16).

6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment, and emergency procedures

The product is not flammable. However, at high temperatures (e.g., in case of fire) hazardous vapors formed as described in Section 5. For this reason, it is recommended to take personal precautions such as fire detection systems in warehouses, self-contained breathing apparatus for personal protection from the gases of combustion, marking points of water supply for the possibility of eye and / or skin wash.

6.2. Environmental precautions

Avoid the release in the environment.

6.3. Methods and material for containment and cleaning up

Use absorptive materials as sand, sawdust

6.4. Reference to other sections

For disposal see section 13.

7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.

Do not eat, drink and smoke in work areas. Wash hands after use. Remove protective equipment and working clothing before entering in eating areas

7.2. Conditions for safe storage, including any incompatibilities

Store the product in cool place. Keep package closed in a dry and well-ventilated place.

7.3. Specific end use(s)

See 1.1

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product.

Components with occupational exposure limits

Raw material	CAS	Value	Parameter	According to
Oxalic Acid	6153-56-6	TWA	1mg/m ³	2006/15/EC

8.2. Exposure controls

Eye/face protection	Tightly fitting safety goggles. Face shield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate standards such as EN 166 (Code 3: against drops and splashes of liquids)
Skin protection	Handle with latex gloves
Body protection	Complete suit protecting against chemicals,
Respiratory protection	The product does not contain hazardous chemicals on health and safety. The product does not form dust during use. Respiratory personal protection equipment should be used in case of fumes from a fire. The equipment must meet the requirements of EN 149 and the filter requirements of EN 143
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Never give anything by mouth to an unconscious person.

9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Form:	Strips of glycerine with oxalic acid
Colour:	Pale yellow
Odour:	Smooth odor
Odour Threshold:	no data available
pH	1,4 (pH 10%)
Melting point / freezing point	no data available
Initial boiling point and boiling range	no data available
Flash point	not applicable
Evaporation rate	no data available
Flammability	not flammable
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Autoignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	no data available
Oxidizing properties	no data available

9.2. Other information

Density (25°C) no data available

10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available

10.2. Chemical stability

No data available

10.3. Possibility of hazardous reactions

No data available

10.4. Conditions to avoid

Stores at high temperatures. Do not store the product with oxidizing agents, chlorine, sodium chloride, silver

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

During a fire hazardous gas may be formed (e.g., carbon monoxide)

11: TOXICOLOGICAL INFORMATION

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

Acute toxicity

The product is classified as H302 & H312

Raw materials info:

substances	CAS		
Οξαλικό οξύ	6153-56-6	LD50 (oral): LD50 (dermal):	(rat) 375mg/kg (rabbit) 20000 mg/kg

Irritation

The product is classified as Eye Dam. 1, H318

Corrosivity

No data available

Sensitisation

No data available

Repeated dose toxicity

No data available

Carcinogenicity

No data available

Mutagenicity

No data available

Toxicity for reproduction

No data available

11.1. Information on other hazards

No data available

12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product is not classified as hazardous for the environment

Raw materials info:

substances	CAS		
Οξαλικό οξύ	6153-56-6	EC50 (daphnia magna)	162,2mg/l

12.2. Persistence and degradability

The product is degradable. Product biodegradability is in accordance with Reg. 648/2004/EC and its amendments. Oxalic acid biodegradability is 89%

12.3. Bioaccumulative potential

The product has not any bioaccumulative potential

12.4. Mobility in soil

The product is very soluble in water. Amino acids are absorbed by the plants directly.

12.5. Results of PBT and vPvB assessment

No data available

12.6. Endocrine disrupting properties

No data available

12.7 Other adverse effects

The product has not any harmful effects on the environment. It does not destroy the ozone layer and it does not contribute to the creation of smog.

13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

The waste packaging management should be in compliance with national legislation. The product does not contain any toxic element for the environment.

European Waste Catalogue (EWC) Code: 20 01 29* detergents containing hazardous substances

14: TRANSPORT INFORMATION

14.1. UN number

ADR/RID: - IMDG: - IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class (es)

ADR/RID: - IMDG: - IATA: -

14.4. Packing group

ADR/RID: - IMDG: - IATA: -

14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No data available

15: REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

No data available

15.2. Chemical safety assessment

No data available

16: OTHER INFORMATION

- Text of H-statement(s) and P-statement(s) mentioned in Section 3

H318	Harmful if swallowed.
H302	Harmful in contact with skin.
H312	Causes serious eye damage.

P102	Keep out of reach of children.
P264	Wash ... thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with wa-ter for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product regarding appropriate safety precautions