Safety Data Sheet according to Regulation (EC) No. 1907/2006 (RFACH)



Revision Date: 17.08.2022 Version 2

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

1.1 Product identifier

Catalog No. TK.201121.00000
Product Name Phenoxyethanol

Cas no 122-99-6

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

1.2.1. Relevant identified uses

Industrial use. Use as a laboratory reagent.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. TİC. LTD. STİ.

Street ORGANİZE SAN. BÖL. MAVİ CAD. 8, SOK. NO :1 NİLÜFER / BURSA

Telephone 0224 243 21 71

E-mail erhan@tekkim.com.tr

Company Representative Erhan DİLER

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Acute toxicity, Category 4, Oral Eye irritation, Category 2

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

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

Hazard pictograms



Signal word (SEA)

WARNING

Hazard Statements (SEA)

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Precautionary Statements (SEA)

Prevention

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P301+P312 IF SWALLOWED: Call 114 POISON CENTER or doctor/physician if you feel unwell.

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

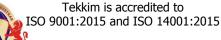
P337+P313 If eye irritation persists: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

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







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3.1 Maddeler

 EC No
 204-589-7

 Molar mass
 138.16 g/mol

 Cas No
 122-99-6

 Concentration
 (<= 100 %)</td>

SECTION 4: First aid measures

4.1 Description of first aid measures

General information In case of accident or unwellness, seek medical advice immediately

(show directions for use or safety data sheet if possible).

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Following inhalation Provide fresh air...

Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact In case of contact with eyes, rinse eyelids with water for 10-15 minutes.

See a doctor immediately.

Following ingestion Give up to two glasses of water. Get medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water. Foam. Dry extinguishing powder. Carbon dioxide (CO2).

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Carbon oxides. Flammable. Heavy-than-air vapors may form on the floor surface. Forms explosive mixtures with air at intense temperatures. In case of fire, dangerous flammable gases or vapors may develop.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus...

5.4 Additional information

Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Don't breathe vapours, aerosols. Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Take up with liquid-absorbent material. Clean the affected area. Avoid generation of dust...

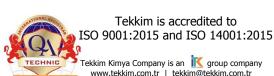
6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.





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SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Observe label precautions.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in dry and well-ventilated places.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Contains no subtances with occupational exposure limit values.

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Hand protection

in full contact

Glove material: chloroprene Glove thickness: 0.65 mm Absorption time: > 480 minutes

In contact with splash Glove material: Latex Glove thickness: 0.60 mm Absorption time: > 30 minutes

The gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resulting standard EN374.

Other skin protection

Protective chlothing.

Respiratory protection

Required when vapors are generated.

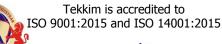
Recommended Filter type: Filter A (according to DIN 3181), for vapors of organic compounds.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties







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(REACH)

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Liquid **Transparent** Odorless

No information. 10 g/l 20 °C 7.0 11.8 °C 1.013 hPa No information.

244 - 246 °C 126 °C

No information. No information. 1.4 %(V) 9 %(V)

0.02 hPa 25 °C

4.77

No information. 20 °C 1.11 28.6 g/l 20 °C No information. log pow: 1,107

475 °C

No information.

Physical state Colour Odour

Odour threshold pH value

Melting point/freezing point

Freezing point

Initial boiling point and boiling range

Flash point Evaporation rate Flammability (solid, gas)

Upper/lower flammability or explosive limits Upper/lower flammability or explosive limits

Vapour pressure Vapour density Density

Relative density Water solubility (g/l) Fat solubility (g/l)

Partition coefficient: n-octanol/water

Auto-ignition temperature Decomposition temperature

Viscosity

Kinematic viscosity No information. Dynamic viscosity 41 mPa.s 20 °C

Explosive properties Not classified as explosive. Oxidising properties No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Forms explosive mixtures with air at intense temperatures.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Powerful heating.

10.5 Incompatible materials

Strong oxidizing agents

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects





Tekkim is accredited to ISO 9001:2015 and ISO 14001:2015

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Acute oral toxicity LD50 Oral - Rat - male and female - 1,850 mg/kg (OECD Test Guideline 401)

Acute inhalation toxicity LC50 Inhalation - Rat - male and female - 6 h - > 1,000 mg/m3 (OECD Test Guideline 412)

Eye irritation Eyes - Rabbit

Result: Causes serious eye irritation. - 15 days

(OECD Test Guideline 405)

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish

static test LC50 - Leuciscus idus (Golden orpheus) - > 220 - < 460 mg/l - 96 hours (DIN 38412)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 500 mg/l - 48 h (OECD Test Guideline 202)

Toxicity to algae (algae)

static test ErC50 - Desmodesmus subspicatus (green algae) - 625 mg/l - 72 hours (Regulation (EC) No. 440/2008, Annex, C.3)

Toxicity to bacteria static test EC50 - activated sludge - > 1.000 mg/l - 30 min (OECD Test Guideline 209)

12.2 Persistence and degradability

Biodegradability

aerobic (aerobic) - Exposure time 3d Result: 98% - Easily degradable. (OECD Test Guideline 301A)

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects

Discharge into environment must be avoided.

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

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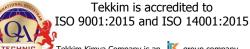
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SECTION 14: Transport information

ADR IMDG IATA ADN RID 14.1 UN number







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Safety Data Sheet according to Regulation (EC) No. 1907/2006



14.2 UN proper shipping name

It is not classified as dangerous
It is not classified as dangerous It is not classified as dangerous It is not classified as dangerous It is not classified as dangerous goods. goods. goods.

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14.3 Transport hazard class(es)



14.4 Packing group

14.5 Environmental hazards

NO NO NO NO

No information available. No information available. No information available. No information available. No information available.

14.6 Special Precautions for User:

No information available.

SECTION 15: Regulatory information

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

This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H302 Harmful if swallowed.

H319 Causes serious eye irritation.

Person Who Prepared the Safety Data Sheet:

Name: Erhan DİLER Certificate Number and Date:

11.29.03 & 11 Şubat 2020 Communication information:

05069903686







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