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



Revision Date: 21.09.2022 Version 2

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

#### 1.1 Product identifier

Catalog No. TK.930094.00000

Product Name Phenolphtalein Indicator powder

Cas no 77-09-8

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

1.2.1. Relevant identified uses 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)

Germ cell mutagenicity, Category 2 Carcinogenicity, Category 1B Reproductive toxicity, 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)

**DANGER** 

Hazard Statements (SEA)

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements (SEA)

Prevention

P201 Read special instructions before use.

P202 Do not handle until all precautionary statements have been read and understood.

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

## Intervention

P308+P313 IF exposed and concerned: Get medical advice/attention.

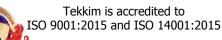
P405 Store locked up.

P501 Dispose of contents/container to an approved waste disposal facility.

#### **SECTION 3: Composition/information on ingredients**







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



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

3.1 Maddeler

201-004-7 EC No 318.32 g/mol Molar mass Cas No 77-09-8 Concentration (<=100%)

#### **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).

Version 2

Revision Date: 21.09.2022

Remove casualty to fresh air and keep warm and at rest.. Following inhalation Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact In case of contact with eyes, rinse immediately with plenty of water and

consult an ophthalmologist.

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

## 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. In case of fire, dangerous flammable gases or vapors may develop.

#### 5.3 Advice for firefighters

Special protective equipment for firefighters

Do not stay in dangerous zone without self-contained breathing apparatus. Keep a safe distance to cut off contact with skin and wear suitable protective clothing.

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



Revision Date: 21.09.2022 Version 2

# **SECTION 7: Handling and Storage**

# 7.1 Precautions for safe handling

Advices on safe handling

Pay attention to the precautions on the label. Work with the title. Do not inhale the substance.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

# 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

Full contact

Glove material : Nitrile rubber Glove thickness :0,11 mm

Break through time: >480 minute

Splash contact

Glove material: Nitrile rubber Glove thickness:0,11 mm

Break through time: >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart EN374.

Other skin protection

Protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended Filter type: P3 type filter.

## **SECTION 9: Physical and chemical Properties**

# 9.1 Information on basic physical and chemical properties





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

Revision Date: 21.09.2022 Version 2

No information.

No information.

No information.

No information.

No information. < 0.1 hPa 50 °C

No information.

No information.

No information.

No information.

log Pow: 0,9

1,29 20 °C 0,00336 g/l 20 °C

1,27 g/cm3 30 °C

> 450 °C

397 °C

**TEKKIM** 

Physical state Solid Colour White Odour Odorless Odour threshold Not applicable. pH value No information. 260 °C

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 No information.

Explosive properties Not classified as explosive.

Oxidising properties No information.

## **SECTION 10: Stability and Reactivity**

# 10.1 Reactivity

Section 10.3 to see.

#### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

# 10.3 Possibility of hazardous reactions

Violent reactions possible with strong oxidizing agents.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

# 10.6 Hazardous decomposition products

No known hazardous decomposition products.

### **SECTION 11: Toxicological information**

# 11.1 Information on toxicological effects

Skin corrosion/irritation

Skin - reconstructed human epidermis (RhE)

Result: irritant - 42 min (OECD Testing Guide 439)

Germ cell mutagenicity

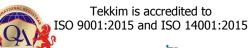
Suspected of causing genetic damage.

Reproductive toxicity

Suspected of damaging fertility.







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Revision Date: 21.09.2022 Version 2

#### 11.2 Additional information

After uptake of large quantities: Nausea, vomiting, gastrointestinal disorders, fever, cardiovascular disorders, CNS disorders.

The substance has a laxative effect.

### **SECTION 12: Ecological information**

# 12.1 Toxicity

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h (OECD Testing Guide 202)

Toxicity to algae (algae)

static test ErC50 - Desmodesmus subspicatus (green algae) - > 3.33 mg/l - 72 h (OECD Testing Guide 201)

## 12.2 Persistence and degradability

No information available.

#### 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.

# **SECTION 14: Transport information**

|                                 | ADR                                      | IMDG                                     | IATA | ADN                                      | RID                                      |  |
|---------------------------------|--|--|------|--|--|--|
|                                 | 14.1 UN number                           |  |      |  |  |  |
|                                 |  |  |      |  |  |  |
|                                 | 14.2 UN proper shipping name             |  |      |  |  |  |
|                                 | It is not classified as dangerous goods. | It is not classified as dangerous goods. | •    | It is not classified as dangerous goods. | It is not classified as dangerous goods. |  |
| 14.3 Transport hazard class(es) |  |  |      |  |  |  |
|                                 |  |  |      |  |  |  |
|                                 | <b>A</b>                                 |  |      |  |  |  |



# 14.4 Packing group

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#### 14.5 Environmental hazards





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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

H341 Suspected of causing genetic defects.

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date:

Communication information: 11.29.03 & 11 Şubat 2020

05069903686





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