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



Revision Date: 09.08.2022 Version 2

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

1.1 Product identifier

Catalog No. TK.400177.01001

Product Name Chromic acid % 5 Solution

Cas no 1333-82-0

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)

Acute toxicity, Oral, Category 4

Acute toxicity, By inhalation, Category 4

Skin Corrosion, Subcategory 1A

Serious eye damage, Category 1

Respiratory sensitization, Category 1

Skin sensitizer, Category 1

Germ cell mutagenicity, Category 1B

Carcinogenicity, Category 1A

Reproductive toxicity, Category 2

Specific Target Organ Toxicity - Repeated exposure, Category 1

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









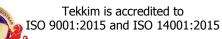
Signal word (SEA)

DANGER

Hazard Statements (SEA)







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H301 + H311 Toxic if swallowed or in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 Causes an allergic skin reaction.

H330 Fatal if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H340 May cause genetic defects.

H350 May cause cancer.

H361 Suspected of damaging fertility or the unborn child.

Precautionary Statements (SEA)

Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

Intervention

P303+P361+P353 IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse your skin with water/shower.

P304+P340+P312 IF INHALED: Move victim to fresh air and keep in a position comfortable for breathing. Call the NATIONAL POISON ADVICE CENTER or doctor/physician immediately.

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

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

 EC No
 215-607-8

 Molar mass
 99.99 g/mol

 Cas No
 1333-82-0

Concentration (>= 5% - <= 10%)

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).

Following inhalation Remove to fresh air. Call a doctor. If breathing stops: apply mechanical

respiration immediately, with oxygen if necessary.

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. Do not try

to neutralize. Only in exceptional cases; if medical assistance is not available within one hour, induce vomiting (only if the person is awake and fully conscious). After: activated charcoal (20 - 40g in 10% solution).

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

Use extinguishing measures appropriate to the environment.

Unsuitable extinguishing media

There is no restriction for this item.







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5.2 Special hazards arising from the substance or mixture

Use extinguishing measures appropriate to local conditions and the surrounding environment.

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.

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.

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. Store only together or separately with other oxidizing agents and away from sources of ignition and heat. These products considerably increase the burning rate of combustible materials due to their oxidation potential.

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

Fully fitting safety glasses

Hand protection





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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

Acid-resistant protective clothing

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limitsareexceeded or irritation is experienced, ventilation and evacuation may be required.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state Liquid Colour Dark red Odour Odorless Odour threshold No information. < 7.0 20 °C pH value Melting point/freezing point No information. Freezing point No information. Initial boiling point and boiling range No information. Flash point No information. Evaporation rate No information. Flammability (solid, gas) No information. Upper/lower flammability or explosive limits No information. Upper/lower flammability or explosive limits No information. Vapour pressure No information. No information. Vapour density Density 1,03 g/cm3 20 °C No information. Relative density Water solubility (g/l) No information. Fat solubility (g/l) No information. Partition coefficient: n-octanol/water No information. Auto-ignition temperature No information. Decomposition temperature No information.

Viscosity

Kinematic viscosity

No information.

No information.

Explosive properties Not classified as explosive.

Oxidising properties No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

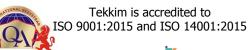
Section 10.3 to see.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.







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10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Avoid heat and humidity.

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

Inhalation

Corrosive by inhalation. Inhalation of corrosive gases/gases may cause coughing, choking, headache, dizziness and weakness for several hours. Pulmonary edema may occur with chest tightness, shortness of breath, bluish skin, decreased blood pressure, increased heart rate. Inhaled corrosive substances can cause toxic edema in the lungs. Pulmonary edema can be fatal. May cause sensitization in susceptible individuals.

Eye contact

Causes serious eye damage. It is corrosive to the eyes and can cause serious damage, including blindness. May cause irreversible damage to eyes.

skin contact

Caustic. Causes burns. Repeated or prolonged skin contact may cause allergic reactions in susceptible individuals. May cause sensitization in contact with skin.

Swallowing

Ingestion causes burns in the upper digestive and respiratory tracts. Dark blood in the mouth and stomach can cause severe burning pain with vomiting and diarrhea. Blood pressure may drop. Brownish or yellowish patches may appear around the mouth. Swelling of the throat can cause shortness of breath and choking. May cause lung damage if swallowed. May be fatal if swallowed and enters respiratory tract.

11.2 Additional information

No information available.

SECTION 12: Ecological information

12.1 Toxicity

No information available.

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

No information available.

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







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14.1 UN number

UN1755 UN1755 UN1755 UN1755 UN1755

14.2 UN proper shipping name

Chromic acid solution Chromic acid solution Chromic acid solution Chromic acid solution Chromic acid solution

14.3 Transport hazard class(es)

8 8 8 8









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14.4 Packing group

II II II II II II

14.5 Environmental hazards

YES YES YES YES YES YES

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

SECTION 16: Other informations

Full text of H statements

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H361 Suspected of damaging fertility or the unborn child.

Person Who Prepared the Safety Data Sheet:

Name:
Certificate Number and Date:
Erhan DİLER

Seminicale Number and Date. 11.29.03 & 11 Subat 2020

Communication information: 05069903686







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