



AMON KİMYA VE MAKİNA SAN.
TİC. LTD. ŞTİ.

Material Safety Data Sheet

DOCUMENT NO: AK-SPEC-005

PAGE : 1 / 12

REVISION NO: 01

DIST.DATE : 11.01.2022

ACETIC ACID %80

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name Acetic acid Solution %80
CAS-No. 64-19-7

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

Identified uses Laboratory chemicals, Manufacture of substances **1.3**

Details of the supplier of the safety data sheet

Company Amon Kimya ve Makine San. Tic. Ltd. Şti.
Official Address Çay Mah. 5 Temmuz Cad. Özsüren Plaza No:9 Kat:4 D:20
Terminal Telephone

Official Telephone +90 326 617 26 17

E-mail info@amonkimya.com.tr

Web www.amonkimya.com.tr

1.4 Emergency telephone number Emergency Phone 112 **Company**
information desk +90 326 617 26 17

2. Hazards identification

2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008

Skin corrosion (Category 1A) H314

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

2.2 Label elements Labelling 1272/2008

Pictogram



according Regulation (EC) No

Signal word

Danger



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Hazard statement(s)

H314

Causes severe skin burns and eye damage.

Precautionary statement(s)

P280

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

P305 + P351 + P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310

Immediately call a POISON CENTER or doctor/ physician.

2.3 Other hazards Lachrymator.

3. Composition/information on ingredients

3.1 Substances

Formula CH_3COOH
Molecular weight 60,05 g/mol

Hazardous ingredients according to Regulation (EC) No 1272/2008

Component	Classification	Concentration
Acetic acid		
CAS No	64-19-7	Skin Corr. 1A;H314 x≤80 %
EC No	200-580-7	
Index-No	607-002-00-6	

For the full text of the H-Statements in this Section, see Section 16

4. First aid measures

4.1 Description of first aid measures General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.



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If swallowed

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed No data available.

5. Firefighting measures

5.1 Extinguishing media Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture Carbon oxides **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

Use water spray to cool unopened containers.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections For disposal see section 13.



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7. Handling and storage

7.1 Precautions for safe handling Avoid inhalation of vapour or mist. Keep away from sources of ignition For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in room temperature place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Moisture sensitive.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls/personal protection

8.1 Control parameters Components with workplace control parameters 8.2

Exposure controls Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment Eye/face protection

Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Full contact

Material:	butyl-rubber
Minimum layer thickness:	0,3 mm
Break through time:	480 min



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- j) Upper/lower Upper explosion limit: 19,9 %(V) flammability or Lower explosion limit: 4
%(V) explosive limits
- k) Vapour pressure 15,2 hPa at 20 °C
- l) Vapour density 1,07 gr/cm³
- m) Relative density No data available
- n) Water solubility No data available
- o) Partition coefficient: No data available noctanol/water
- p) Auto-ignition No data available temperature
- q) Decomposition No data available temperature
- r) Viscosity No data available
- s) Explosive properties No data available
- t) Oxidizing properties No data available

9.2 Other safety information

No data available

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Heat, flames and sparks.

10.5 Incompatible materials

Oxidizing agents, Metals, Amines, Alcohols, Peroxides, permanganates, e.g. potassium permanganate, Soluble carbonates and phosphates, Hydroxides

10.6 Hazardous decomposition products

Other decomposition products No data available

In the event of fire see section 5

11. Toxicological information

11.1 Information on toxicological effects

Acute toxicity no data available



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Skin corrosion/irritation no data
available

Serious eye damage/eye irritation no
data available

**Respiratory or skin
sensitisation** No data available.

Germ cell mutagenicity No
data available.

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. **Reproductive toxicity** No data available.

Specific target organ toxicity - single exposure
No data available.

Specific target organ toxicity - repeated exposure

No data available.

Aspiration hazard No
data available.

Additional Information

RTECS AF1225000

Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea.

12. Ecological information

12.1 Toxicity no data
available

12.2 Persistence and degradability
no data available

12.3 Bioaccumulative potential

No data available. **12.4 Mobility**

in soil No data available.

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

12.6 Other adverse effects No data available.



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13. Disposal considerations

13.1 Waste treatment methods Product

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packagin Dispose
of as unused product.

14. Transport information

14.1 UN number

ADR/RID: 2790

IMDG: 2790

IATA: 2790

14.2 UN proper shipping name

ADR/RID ACETIC ACID SOLUTION

IMDG ACETIC ACID SOLUTION

IATA Acetic acid solution

14.3 Transport hazard class(es)

ADR/RID: 8

IMDG: 8

IATA: 8

14.4 Packaging group

ADR/RID: II

IMDG: II

IATA: II

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user 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

For this product a chemical safety assessment was not carried out.

16. Other information

Full text of H-Statements referred to under sections 2 and 3.

H314

Causes severe skin burns and eye damage.

Skin Corr.

Skin corrosion