

Safety Data Sheet

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



Revision date 24.10.2019

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Version 2

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

1.1 Product identifier

1.2 Relevant identified uses of the substance or mixture and uses advised against TK.911013

Generic name ACETONE % 99,5 ACS GRADE

REACH No.

CAS No. 67-64-1

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

Relevant identified uses Scientific research and development. Use as laboratory reagent.

Use of the substance / mixture

Uses advised against

Details of the supplier of the safety data sheet

Name TEKKİM KİMYA SAN. T.C. LTD. T

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

Telephone 0224 243 21 71

E-mail tekkim@tekkim.com.tr

Company Representative Gökhan ÖZKAN

Emergency Telephone Number 0553 209 14 16 - 0553 209 14 18

SECTION 2: Hazards identification

Classification of the substance or mixture

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

Flam. Liq. 2

Eye Irrit. 2
STOT SE 2

Full text of R-, H- and EUH-phrases: see section 16.

Safety Data Sheet

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

Article No (user)

TK.911013

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2.2 Label elements

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

Hazard pictograms



Signal word

Hazard Statements

H225 Extremely flammable liquid and vapour.

H319 Causes serious eye irritation.

H336 May cause drowsiness or dizziness.

Precautionary Statements

Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

Response

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

Storage

2.3 Other hazards

SECTION 3: Composition/information on ingredients

Substances

Formula

C₃H₆O

EC No.

200-662-2

Molar mass

58,08 g/mol

Characteristic

CAS No

EC No

Concentration

Classification

ACETONE

67-64-1

200-662-2

100 %

;4:H2254:H3194:H3364:P2104:P23318:P305 + P351 + P338

Full text of R-, H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

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 casualty to fresh air and keep warm and at rest..

Following skin contact

Subsequently wash off with..

Following eye contact

In case of contact with eyes, rinse immediately thoroughly with plenty of edible oil and consult an ophthalmologist..

Following ingestion

Give sodium sulfate as laxative (1 tablespoon in 1 glas of water) with plenty of activated coal..

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Article No (user)

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Most important symptoms and effects, both acute and delayed

Dizziness. Headache. Nausea. Vomiting.

Indication of any immediate medical attention and special treatment needed

No information available..

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

Water.

5.2 Special hazards arising from the substance or mixture

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

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 discharge into sewer. Ris of explosion. Collect leaking and spilled in a bowl.. Close drainage channels.Take up with liquid-absorbent material.Clean the affected area.

6.3 Methods and material for containment and cleaning up

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Do not use a brush or compressed air for cleaning surfaces or clothing.. Clear spills immediately..

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols. There is no need to take any special measures.

Measures to prevent fire

Safety Data Sheet

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Article No (user)

TK.911013

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Advices on general occupational hygiene

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Technical measures and storage conditions. . .

7.3 Specific end uses

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SECTION 8: Exposure controls / personal protection

8.1 Control parameters

No information

8.2 Exposure controls

Appropriate engineering controls

Fresh air (open windows and doors) is necessary..

Personal protection equipment

Eye/face protection

Safety glasses

Hand protection

Full contact

Glove material : butyl rubber

Glove thickness : 0,7 mm

Break through time : >480 minute

Splash contact :

Glove material : Latex

Glove thickness : 0,10 mm

Break through time : >10 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

Flame reterdant antistatic protective chlothing

Respiratory protection

Required when vapours are generated

Recommened filter type : AX filter

Environmental exposure controls

See section 7. Additional information about obligations under the common European environment protection regulations:.

SECTION 9: Physical and chemical Properties

Information on basic physical and chemical properties

Physical state

Liquid

Colour

transparent

Odour

odourless

Safety Data Sheet

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Odour threshold	0,1-662,5 mbp
pH value	No information 0 g/l
Melting point/freezing point	-95,4
Freezing point	No information
Initial boiling point and boiling range	56,2
Flash point	<-20
Evaporation rate	No information
Flammability (solid, gas)	No information °C
Upper/lower flammability or explosive limits	2,6
Upper/lower flammability or explosive limits	12,8
Vapour pressure	No information
Vapour density	No information
Density	No information
Relative density	No information
Water solubility (g/l)	Soluble °C
Fat solubility (g/l)	No information °C
Partition coefficient: n-octanol/water	log POW: -0,24
Auto-ignition temperature	No information
Decomposition temperature	No information

Viscosity

Kinematic viscosity	No information
Dynamic viscosity	0,32 mPa.s
Explosive properties	No information
Oxidising properties	No information

SECTION 10: Stability and Reactivity

10.1 Reactivity

Vapours may form explosive mixtures with air.

10.2 Chemical stability

Sensitive to light. No exothermic decomposition at temperatures up to 300 °C..

10.3 Possibility of hazardous reactions

No information

10.4 Conditions to avoid

.

10.5 Incompatible materials

Safety Data Sheet

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Rubber, various plastics.

10.6 Hazardous decomposition products

No known hazardous decomposition products..

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity
LD 50 rat : 5800 mg/kg

Acute inhalation toxicity
LD 50 rat : 76 mg/l 4 h
Symptoms : mucosal irritation

Acute dermal toxicity
LD 50 rat : 20000 mg/kg

Skin irritation
rabbit There is n't irritation

Eye irritation
Rabbit severe irritation

Carcinogenity
No information

Spesific target organ toxicity Single exposure
May cause drowsiness or dizziness

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

No information

12.2 Persistence and degradability

Self readily biodegradable

12.3 Bioaccumulative potential

Partiitent coefficient (n-octanol/water)
logPOW: -0,24
Bioaccumulation is not expected

12.4 Mobility in soil

No information

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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. It was to proceed as their products uncleaned packaging.

SECTION 14: Transport information

Land transport (ADR/RID)

UN number UN 1090
UN proper shipping name ACETONE
Transport hazard class(es) 3
Packing group II
Environmental hazards --
Special precautions for
Tunnel restriction code D/E

Inland waterway transport (ADN)

Limited quantity (LQ)

Special Provisions

Category

Air transport (ICAO-TI / IATA-DGR)

UN number UN 1090
UN proper shipping name ACETONE
Transport hazard class(es) 3
Packing group II
Environmental hazards --
Special precautions for

Sea transport (IMDG)

UN number UN 1090
UN proper shipping name ACETONE
Transport hazard class(es) 3
Packing group II
Environmental hazards
Special precautions for

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SECTION 15: Regulatory information

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

Storage class : 3 B

Chemical Safety Assessment

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SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

H225 Extremely flammable liquid and vapour.

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Prepared the Document

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