

# Safety Data Sheet

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



Revision date 24.10.2019

Print date 24.10.2019

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.010050  
Generic name ACETONE % 99,5 Extra pure  
Gr.REACH No.  
CAS No. 67-64-1

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

Relevant identified uses Industrial uses. Health services. 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 : NİLFER / 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.

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Generic name ACETONE % 99,5 Pur. Gr.

## 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 C<sub>3</sub>H<sub>6</sub>O  
EC No. 200-662-2  
Molar mass 58,08 g/mol

<u>Characteristic</u>	<u>CAS No</u>	<u>EC No</u>	<u>Concentration</u>	<u>Classification</u>
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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## 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..

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## 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

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## 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..

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## 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*

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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

Recommended filter type : AX filter

#### Environmental exposure controls

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

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## SECTION 9: Physical and chemical Properties

### Information on basic physical and chemical properties

Physical state	Liquid
Colour	transparent
Odour	odourless

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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

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## 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

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### 10.5 Incompatible materials

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Rubber, various plastics.

## 10.6 Hazardous decomposition products

No known hazardous decomposition products..

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## 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

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## SECTION 12: Ecological information

### 12.1 Toxicity

No information

### 12.2 Persistence and degradability

Self readily biodegradable

### 12.3 Bioaccumulative potential

Partitient 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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P233 Keep container tightly closed.

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Prepared the Document

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