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



Revision Date: 20.09.2022 Version 2

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

1.1 Product identifier

Catalog No. TK.311208.00000
Product Name Iso Butyl Acetate

Cas no 110-19-0

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

1.2.1. Relevant identified uses

Industrial use. 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. ŞTİ.

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)

Flammable liquids, Category 2

Specific Target Organ Toxicity - Single exposure, Category 3, Central nervous system

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)

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Precautionary Statements (SEA)

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.

P233 Keep container tightly closed.

P240 Ground/connect container or receiving equipment.

P241 Use explosion-proof electrical/ventilation/igniter/.../ material.

P242 Use only non-flammable tools.

P243 Take precautionary measures against static discharge.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

EC No 203-745-1







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

Revision Date: 20.09.2022 Version 2



 Molar mass
 116.16 g/mol

 Cas No
 110-19-0

 Concentration
 (<= 100 %)</td>

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

Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact

Rinse immediately carefully and thoroughly with eye-bath or water..

Following ingestion

Please give up to two glasses of water. Get immediate medical attention.

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

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. There may be a flashback. Be careful. Heavy-than-air vapors may form on the floor surface. In case of fire, dangerous flammable gases or vapors may develop. Forms explosive mixtures with air at atmospheric temperature.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus..

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

Be careful not to mix into the sewer. Risk of explosion.

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.

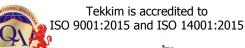
SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling







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

Revision Date: 20.09.2022 Version 2



Observe label precautions. Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.

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. Keep away from heat and anything that can cause ignition.

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

In contact with splash

Glove material: butyl rubber Glove thickness: 0.70 mm Absorption time: > 60 minutes

The gloves to be used must comply with the specifications of EC directive 89/686/EEC and the resulting standard EN374.

Other skin protection

Flame reterdant antistatic protective chlothing.

Respiratory protection

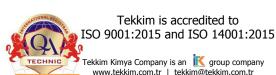
Required when vapors/aerosols are generated.

Recommended Filter type: Filter A (according to DIN 3181), for vapors of organic compounds.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties





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Revision Date: 20.09.2022 Version 2 **TEKKIM**

Physical state Colour Odour

Odour threshold pH value

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 Liquid **Transparent** Fruity

No information. 6,0 - 7,0 5 g/l 20 °C

98 - 99 °C No information.

116 - 118 °C 1.013 hPa

22 °C

No information. No information. 1,3 %(V) 10,5 %(V) 20 hPa 20 °C

4,01

0,86 - 0,87 g/cm3 20 °C

No information. 5,6 g/l 20 °C No information. log Pow: 2,3 25 °C

430 °C

No information.

Viscosity

Kinematic viscosity Dynamic viscosity Explosive properties

Oxidising properties

No information. 0,69 mPa.s 20 °C

Not classified as explosive.

none

SECTION 10: Stability and Reactivity

10.1 Reactivity

Vapours may form explosive mixtures with air.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

In case of warming.

10.5 Incompatible materials

Strong oxidizing agents, strong bases.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity LD50 Oral - Rat - male - 13.413 mg/kg (OECD Testing Guide 401)

Acute dermal toxicity LD50 Dermal - Rabbit - male - > 17,400 mg/kg (OECD Testing Guide 402)

Specific Target Organ Toxicity - Single exposure May cause drowsiness or dizziness.







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





11.2 Additional information

After absorption of large quantities: lack of appetite, headache, narcosis. Handle in accordance with safety and hygiene rules.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish semi-static test LC50 - Oryzias latipes - 17 mg/l - 96 h (OECD Testing Guide 203)

Toxicity to daphnia and other aquatic invertebrates semi-static test EC50 - Daphnia magna (Water flea) - 25 mg/l - 48 h (OECD Testing Guide 202)

Toxicity to algae (algae)

static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 397 mg/l - 72 h (OECD Testing Guide 201)

12.2 Persistence and degradability

Biodegradability

oxygenated (aerobic) - Exposure time 20 d

Result: 81% - Easily degradable.

(OECD Test Guide 301D)

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: Trans	port information
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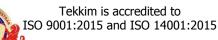
SECTION 14: Transport information						
ADR	IMDG	IATA	ADN	RID		
14.1 UN number						
UN 1213	UN 1213	UN 1213	UN 1213	UN 1213		
14.2 UN proper shipping name						
It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerous goods.	It is not classified as dangerougoods.	s It is not classified as dangerous goods.		
14.3 Transport hazard class(es)						











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Revision Date: 20.09.2022 Version 2

14.4 Packing group

II II II II II

14.5 Environmental hazards

NO 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

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date: Erhan DİLER

Communication information: 11.29.03 & 11 Şubat 2020

05069903686





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