

Safety Data Sheet

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

Revision Date: 16.08.2022 Version 2

TEKKİM

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

1.1 Product identifier

Catalog No. TK.201020.00000
Product Name Sulfur
Cas no 7704-34-9

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

1.2.1. Relevant identified uses

Pharmaceutical production. Cosmetic raw material. 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 solids, Category 2
Skin irritation, Category 2

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)

WARNING

Hazard Statements (SEA)

H228 Flammable solid.
H315 Causes skin irritation.

Precautionary Statements (SEA)

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
P240 Ground/connect container or receiving equipment.
P241 Use explosion-proof electrical/ventilation/igniter/.../ material.
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

Tekkim Kimya Company is an  group company
www.tekkim.com.tr | tekkim@tekkim.com.tr

Tekkim Kimya Sanayi ve Ticaret Limited Şirketi

Factory: O.S.B Mavi Cadde 8.Sokak No:1 Nilüfer - BURSA | TURKEY

+90 224 243 21 71 (pbx) | Fax: +90 224 242 97 66

Factory: istoc 33.ada No: 47-49-51-53

+90 212 659 64 24 (pbx) | Fax: +90 212 659 64 30 - 31

Safety Data Sheet

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

Revision Date: 16.08.2022 Version 2

TEKKİM

EC No	231-722-6
Molar mass	32.06 g/mol
Cas No	7704-34-9
Concentration	(<= 100 %)

SECTION 4: First aid measures

4.1 Description of first aid measures

<i>General information</i>	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
<i>Following inhalation</i>	Provide fresh air..
<i>Following skin contact</i>	Wash with plenty of water. Take off contaminated clothing.
<i>Following eye contact</i>	Rinse immediately carefully and thoroughly with eye-bath or water..
<i>Following ingestion</i>	Give up to two glasses of water. Get medical help immediately.

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

Water. 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

May form free in case of fire: Sulfur oxides. Flammable. Heavy-than-air vapors may form on the floor surface. May form explosive mixture with air at intense temperatures. In case of fire, dangerous flammable gases or vapors may develop.

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

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. Avoid generation of dust..

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



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

Tekkim Kimya Company is an group company
www.tekkim.com.tr | tekkim@tekkim.com.tr

Tekkim Kimya Sanayi ve Ticaret Limited Şirketi

Factory: O.S.B Mavi Caddesi 8.Sokak No:1 Nilüfer - BURSA | TURKEY

+90 224 243 21 71 (pbx) | Fax: +90 224 242 97 66

Factory: istoc 33.ada No: 47-49-51-53

+90 212 659 64 24 (pbx) | Fax: +90 212 659 64 30 - 31

Safety Data Sheet

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

Revision Date: 16.08.2022 Version 2

TEKKİM

Advices on safe handling

Observe label precautions.

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 substances 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

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

Flame reterdant antistatic protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended filter type : Filter P 1 for solid particles of inert substances (according to DIN 3181).

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

Tekkim Kimya Company is an  group company
www.tekkim.com.tr | tekkim@tekkim.com.tr

Tekkim Kimya Sanayi ve Ticaret Limited Şirketi
Factory: O.S.B Mavi Cadde 8.Sokak No:1 Nilüfer - BURSA | TURKEY

+90 224 243 21 71 (pbx) | Fax: +90 224 242 97 66

Factory: istoc 33.ada No: 47-49-51-53

+90 212 659 64 24 (pbx) | Fax: +90 212 659 64 30 - 31

Safety Data Sheet

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

TEKKİM

Revision Date: 16.08.2022

Version 2

Physical state	Solid
Colour	Light yellow
Odour	No information.
Odour threshold	No information.
pH value	No information.
Melting point/freezing point	No information.
Freezing point	No information.
Initial boiling point and boiling range	444 °C
Flash point	160 °C
Evaporation rate	No information.
Flammability (solid, gas)	It is a flammable solid with subcategory 2.
Upper/lower flammability or explosive limits	No information.
Upper/lower flammability or explosive limits	No information.
Vapour pressure	No information.
Vapour density	No information.
Density	No information.
Relative density	No information.
Water solubility (g/l)	Insoluble.
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.
Dynamic viscosity	No information.
Explosive properties	No information.
Oxidising properties	No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Forms explosive mixtures with air at intense temperatures. A risk of dust explosion can be expected.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Explosion with ammonium nitrate, ammonia, barium, bromates, alkali metals, chlorides, barium nitrate, calcium, hypochlorites, chlorine oxides, ether, iodates, potassium, nitrates, potassium permanganate, lithium, sodium, peroxides, strong oxidizing agents, permanganates, zinc there is a risk.

10.4 Conditions to avoid

Avoid moisture. Heat, flames and sparks. Strong heating.

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



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

Tekkim Kimya Company is an  group company
www.tekkim.com.tr | tekkim@tekkim.com.tr

Tekkim Kimya Sanayi ve Ticaret Limited Şirketi

Factory: O.S.B Mavi Caddesi 8.Sokak No:1 Nilüfer - BURSA | TURKEY

+90 224 243 21 71 (pbx) | Fax: +90 224 242 97 66

Factory: istoc 33.ada No: 47-49-51-53

+90 212 659 64 24 (pbx) | Fax: +90 212 659 64 30 - 31

Safety Data Sheet

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

Revision Date: 16.08.2022 Version 2



Acute oral toxicity
LD50 Oral - Rat - male and female - 4,250 mg/kg
(OECD Test Guideline 401)

Acute respiratory toxicity
LC50 Inhalation - Rat - 4 h - > 9.23 mg/l

Acute dermal toxicity
LD50 Dermal - Rat - male and female - > 2.000 mg/kg
(OECD Test Guideline 434)

Serious eye damage/eye irritation
slight irritation

11.2 Additional information

Symptoms of exposure; burning sensation, cough, wheezing, laryngitis, shortness of breath, headache, nausea and vomiting may occur. Handle in accordance with safety and hygiene rules.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish
LC50 - Oncorhynchus mykiss (Rainbow trout) - 53 mg/l - 96 h
(ECHA)

Toxicity to daphnia and other aquatic invertebrates
static test EC50 - Ceriodaphnia (water flea) - 121.7 mg/l - 48 h
(US-EPA)

Toxicity to algae (algae)
static test ErC50 - Chlorella vulgaris (freshwater algae) - 2.700 mg/l - 18 days
(ECHA)

Toxicity to bacteria
static test EC50 - activated sludge - 1.618 mg/l - 30 min
(OECD Test Guideline 209)

12.2 Persistence and degradability

Methods for measuring biological degradation cannot be applied to inorganic substances.

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: Transport information

ADR	IMDG	IATA	ADN	RID
14.1 UN number				
UN 1350	UN 1350	UN 1350	UN 1350	UN 1350

14.2 UN proper shipping name



Tekkim is accredited to
ISO 9001:2015 and ISO 14001:2015

Tekkim Kimya Company is an group company
www.tekkim.com.tr | tekkim@tekkim.com.tr

Tekkim Kimya Sanayi ve Ticaret Limited Şirketi

Factory: O.S.B Mavi Caddesi 8.Sokak No:1 Nilüfer - BURSA | TURKEY

+90 224 243 21 71 (pbx) | Fax: +90 224 242 97 66

Factory: istoc 33.ada No: 47-49-51-53

+90 212 659 64 24 (pbx) | Fax: +90 212 659 64 30 - 31

Safety Data Sheet

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

TEKKİM

Revision Date: 16.08.2022 Version 2

SULPHUR

SULPHUR

SULPHUR

SULPHUR

SULPHUR

14.3 Transport hazard class(es)

4.1

4.1

4.1

4.1

4.1



14.4 Packing group

III

III

III

III

III

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

H228 Flammable solid.

H315 Causes skin irritation.

Person Who Prepared the Safety Data Sheet:

Name:

Certificate Number and Date:

Communication information:

Erhan DİLER

11.29.03 & 11 Şubat 2020

05069903686