

Safety Data Sheet

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

Revision Date: 17.11.2022 Version 2

TEKKİM

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

1.1 Product identifier

Catalog No. TK.930090.00000
Product Name Immersion Oil
Cas no --

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

1.2.1. Relevant identified uses

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)

Long (chronic) aquatic hazard, 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)

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)

Prevention

P273 Avoid release to the environment.

P391 Collect spillage.

P501 Dispose of contents/container to an approved waste disposal facility.

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

EC No --

Molar mass --


Cas No --

Concentration --

SECTION 4: First aid measures



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

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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

Provide fresh air..

Following skin contact

Wash with plenty of water. Take off contaminated clothing.

Following eye contact

Rinse carefully and thoroughly with eye wash or water.

Following ingestion

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

Flammable. In case of fire, dangerous flammable gases or vapors may develop.

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

Do not allow to enter into surface water or drains.

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

Observe label precautions.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions



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Keep container tightly closed in dry and well-ventilated places.

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

in full contact

Glove material : butyl rubber

Glove thickness: 0.7 mm

Absorption time: > 480 minutes

In contact with splash

Glove material : Chloroprene

Glove thickness: 0.65 mm

Absorption time: > 30 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

Protective clothing.

Respiratory protection


Not necessary, except for aerosol formation.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties



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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
Light yellow
Characteristic
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.
No information.

Viscosity

Kinematic viscosity
Dynamic viscosity
Explosive properties
Oxidising properties

No information.
No information.
Not classified as explosive.
No information.

SECTION 10: Stability and Reactivity

10.1 Reactivity

Section 10.3 to see.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

Violent reactions possible with strong oxidizing agents.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Various plastics, light metals, metal alloys.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects



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Components (Benzyl benzoate)

acute oral toxicity

LD50 Oral - Rabbit - 1.680 mg/kg

Lung, throat or breathing: Shortness of breath.
(RTECS)

acute dermal toxicity

LD50 Dermal - Rabbit - 4.000 mg/kg

Notes: (RTECS)

Specific Target Organ Toxicity – Single exposure

Oral Acute toxicity - Nausea, vomiting, diarrhoea.

Acute inhalation toxicity - Irritant symptoms in the respiratory tract.

11.2 Additional information

Handle in accordance with good industrial hygiene and safety practice.

SECTION 12: Ecological information

12.1 Toxicity

Components (Benzyl benzoate)

Toxicity to fish

semi-static test LC50 - Danio rerio (zebrafish) - 2.32 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates

static test EC50 - Daphnia magna (Water flea) - 3.09 mg/l - 48 h
(OECD Testing Guide 202)

Toxicity to algae (algae)

static test ErC50 - Pseudokirchneriella subcapitata (green algae) - 0.475 mg/l - 72 h
(OECD Testing Guide 201)

Toxicity to bacteria

static test EC50 - activated sludge - > 10.000 mg/l - 3 h
(OECD Testing Guide 209)

12.2 Persistence and degradability

No information available.

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 3082	UN 3082	UN 3082	UN 3082	UN 3082



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14.2 UN proper shipping name

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Benzyl
benzoate)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Benzyl
benzoate)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Benzyl
benzoate)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Benzyl
benzoate)

ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Benzyl
benzoate)

14.3 Transport hazard class(es)

9

9

9

9

9



14.4 Packing group

III

III

III

III

III

14.5 Environmental hazards

YES

YES

YES

YES

YES

Packages less than 5 kg/l or
equivalent, non-hazardous
goods of Class 9

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equivalent, non-hazardous
goods of Class 9

Packages less than 5 kg/l or
equivalent, non-hazardous
goods of Class 9

14.6 Special Precautions for User:

Packages less than 5 kg/l or equivalent, non-hazardous goods
of Class 9

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

H411 Toxic to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:

Erhan DİLER

Certificate Number and Date:

11.29.03 & 11 Şubat 2020

Communication information:

05069903686



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