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



Revision Date: 27.10.2022 Version 2

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

1.1 Product identifier

Catalog No. Product Name Cas no

Triton X-100 9036-19-5

TK.930156.00000

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)

Acute toxicity, Oral, Category 4 Skin irritation, Category 2 Serious eye damage, Category 1 Short term (acute) aquatic hazard, Category 1 Long (chronic) aquatic hazard, Category 1

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



Hazard Statements (SEA)

H302 Harmful if swallowed.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)





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

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Prevention

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P301+P312 IF SWALLOWED: Call 114 POISON CENTER or doctor/physician if you feel unwell.

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

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

SECTION 3: Composition/information on ingredients

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

3.1 Maddeler

EC No	-
Molar mass	-
Cas No	9036-19-5
Concentration	(<= 100 %)

SECTION 4: First aid measures 4.1 Description of first aid measures

4.1 Description of mist all 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	In case of contact with eyes, rinse immediately with plenty of water and consult an ophthalmologist.			
Following ingestion	Give up to two glasses of water. Get medical help immediately.			
4.2 Most important symptoms and offs	ate both south and delayed			

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. Heavy-than-air vapors may form on the floor surface. Forms explosive mixtures 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





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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

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 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 Fully fitting 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 : butyl rubber Glove thickness: 0.7 mm Absorption time: > 480 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





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Protective chlothing.

Respiratory protection

Required when vapors/aerosols are generated. Recommended Filter type: Filter A-(P2) **SECTION 9: Physical and chemical Properties**

9.1 Information on basic physical and chemical properties

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

Viscosity

Kinematic viscosity Dynamic viscosity Explosive properties Oxidising properties

SECTION 10: Stability and Reactivity

10.1 Reactivity

Forms explosive mixtures with air at intense temperatures.

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, strong acids.

10.4 Conditions to avoid

Powerful heating.

10.5 Incompatible materials

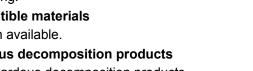
No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects



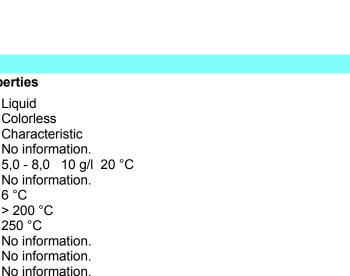




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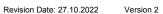
Tekkim Kimya Company is an 🔣 group company www.tekkim.com.tr | tekkim@tekkim.com.tr

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No information. No information. Not classified as explosive. none

log Pow: 2.7 20 °C - Bioaccumulation is not



Liquid

6°C

> 200 °C 250 °C

No information. < 0,01 hPa 20 °C

No information.

No information.

No information.

No information.

No information.

Soluble.

expected.

1,07 g/cm3 20 °C

Colorless



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Acute oral toxicity LD50 Oral - Rat - 1,900 - 5,000 mg/kg

Acute dermal toxicity LD50 Dermal - Rabbit - > 3,000 mg/kg

Skin corrosion/irritation Mixture causes skin irritation.

Serious eye damage/eye irritation Mixture causes serious eye injury.

11.2 Additional information Handle in accordance with good industrial hygiene and safety practice

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish semi-static test LC50 - Leuciscus idus (Golden orpheus) - 0.26 mg/l - 96 h (OECD Testing Guide 203)

Toxicity to daphnia and other aquatic invertebrates static test EC50 - Daphnia magna (Water flea) - 0.011 mg/l - 48 h (ECOTOX Database)

Toxicity to algae (algae) static test EC50 - Pseudokirchneriella subcapitata (green algae) - 1.9 mg/l - 96 h (ECHA)

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: Transp	ort information				
ADR	IMDG	ΙΑΤΑ	ADN	RID	
14.1 UN number					
UN 3082	UN 3082	UN 3082	UN 3082	UN 3082	
14.2 UN proper shipp	oing name				
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triton X-100)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triton X-100)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triton X-100)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triton X-100)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Triton X-100)	
14.3 Transport hazard class(es)					
9	9	9	9	9	





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Tekkim Kimya Company is an K 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 Nlüfer - BURSA | TURKEY

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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

H302 Harmful if swallowed.

- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H410 Very toxic to aquatic life with long lasting effects.

Person Who Prepared the Safety Data Sheet:

Name:
Certificate Number and Date:
Communication information:

Erhan DİLER 11.29.03 & 11 Şubat 2020 05069903686





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 Factory:
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