

SAFETY DATA SHEET**AKPEROX CAT K W50**

COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name AKPEROX CAT K S50
Chemical name bis(3,5,5-trimethylhexanoyl) peroxide

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

Identified uses Reaction initiator for industrial use.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Manufacturer AKPA KİMYA AMBALAJ SANAYİ VE TİCARET ANONİM ŞİRKETİ
Yenibosna Merkez Mah. Ladin Sok. No:36/70 Kat:12 34197
Townofis Bahçelievler, İstanbul, TÜRKİYE
Web: www.akpakimya.com
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E-mail: info@akpakimya.com
Contact person Export Department - export@akpakimya.com

1.4. Emergency telephone number

Emergency telephone CHEMTREC: TOLL Free 1-800-424-9300 / Local: +1-703-527-3887
For product information AKPA KİMYA: +90 549 558 40 40

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification (EC 1272/2008)**

Physical hazards Org. Perox. F - H242
Health hazards Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Skin Sens. 1
- H317 STOT SE 1 - H370
Environmental hazards Not classified.

2.2. Label elements**Pictogram****Signal Word****Hazard statements****Danger****H242** Heating may cause a fire.**H302+H312** Harmful if swallowed or in contact with skin.

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- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H370** Causes damage to organs.

Precautionary statements

- P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P220** Keep away from acids, alkalis, heavy metal compounds, oxidizing material, combustible materials.
- P234** Keep only in original container.
- P264** Wash thoroughly after handling.
- P280** Wear protective gloves/protective clothing/eye protection/face protection.
- P362** Take off contaminated clothing.
- P405** Store locked up.
- P410** Protect from sunlight.
- P411+P235** Store at temperatures not exceeding +10°C. Keep cool.
- P420** Do not mix with peroxide-accelerators or reducing agents.
- P501** Dispose of contents/ container in accordance with national regulations.

Commission Regulation (EU) No 2015/830 of 28 May 2015.

Contains

bis(3,5,5-trimethylhexanoyl) peroxide, methanol

2.3. Other hazards

This substance is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Bis(3,5,5-trimethylhexanoyl) peroxide		%49-51	
CAS Number	3851-87-4	EC Number	223-356-0
Classification			
Org. Perox. C	H242		
Asp. Tox. 1	H304		
Skin Irrit. 2	H315		
Skin Sens. 1	H317		
Methanol		%10-20	
CAS Number	67-56-1	EC Number	200-659-6
Classification			
Flam. Liq. 2	H225		
STOT SE 1	H370		
Acute Tox. 3	H301		
Acute Tox. 3	H311		
Acute Tox. 3	H331		

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The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Inhalation

Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly with water. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Get medical attention immediately.

Skin contact

It is important to remove the substance from the skin immediately. Take off immediately all contaminated clothing. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.

Eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes. Get medical attention if symptoms are severe or persist after washing.

Protection of first aiders

First aid personnel should wear appropriate protective equipment during any rescue. If it is suspected that volatile contaminants are still present around the affected person, first aid personnel should wear an appropriate respirator or self-contained breathing apparatus. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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4.2. Most important symptoms and effects, both acute and delayed**General information**

See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

A single exposure may cause the following adverse effects: Pain or irritation. Intoxication. Narcotic effect. Muscle weakness. Nausea, vomiting.

Ingestion

May cause sensitisation or allergic reactions in sensitive individuals. May cause discomfort if swallowed. Stomach pain. Nausea, vomiting.

Skin contact

May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

Eye contact

Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

4.3. Indication of any immediate medical attention and special treatment needed**Notes for the doctor**

Treat symptomatically. Keep affected person under observation. May cause sensitisation or allergic reactions in sensitive individuals.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing Media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

May cause or intensify fire; oxidiser. Containers can burst violently or explode when heated, due to excessive pressure build-up. This product is toxic.

Hazardous decomposition products

Thermal decomposition or combustion products may include the following substances: Very toxic or corrosive gases or vapours.

5.3. Advice for firefighters**Protective actions during firefighting**

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to

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disperse vapours and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters

Wear positive pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions**

No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk into spilled material. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

6.2. Environmental precautions**Environmental precautions**

Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

6.3. Methods and material for containment and cleaning up**Methods for cleaning up**

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Use only non-sparking tools. Do not allow material to enter confined spaces, due to the risk of explosion. Provide adequate ventilation. Approach the spillage from upwind. Small Spillages: If the product is soluble in water, dilute the spillage with water and mop it up. Alternatively, or if it is not water-soluble, absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Large Spillages: If leakage cannot be stopped, evacuate area. Flush spilled material into an effluent treatment plant, or proceed as follows. Contain and absorb spillage with sand, earth or other non-combustible material. Place waste in labelled, sealed containers. Clean contaminated objects and areas thoroughly, observing environmental regulations. The contaminated absorbent

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may pose the same hazard as the spilled material. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

6.4. Reference to other sections

Reference to the other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in accordance with local regulations. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store away from other materials. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent. Recommended storage temperature -22 / 0 °C. Control temperature: +10 °C. Emergency temperature: +15 °C

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control Parameters

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Occupational exposure limits

Ingredients	CAS No.	Value	Control Parameters	Basis
methanol	67-56-1	TWA	200 ppm 260 mg/m ³	2006/15/EC
		TWA	200 ppm 266 mg/m ³	GB EH40
		STEL	250 ppm 333 mg/m ³	GB EH40

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Bis(3,5,5-trimethylhexanoyl) peroxide	Workers	Inhalation	Long-term exposure	1.8 mg/m ³
		Dermal	Long-term exposure	0.67 mg/kg bw/day
Methanol	Workers	Inhalation	Long-term exposure	260 mg/m ³
		Skin contact	Long-term exposure	40 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Bis(3,5,5-trimethylhexanoyl) peroxide	Fresh water	0,0031 mg/l
	Marine water	0,00031 mg/l
	Fresh water sediment	0,023 mg/kg
	Marine sediment	0,0023 mg/kg
	Soil	0,0029 mg/kg
	Sewage treatment plant	0,35 mg/l
Methanol	Fresh water	20,8 mg/l
	Marine water	2,08 mg/l
	Fresh water sediment	77 mg/kg
	Marine sediment	7,7 mg/kg
	Soil	100 mg/kg
	Sewage treatment plant	100 mg/l

8.2. Exposure controls Protective equipment

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**Appropriate engineering controls**

Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection

Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures

Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating,

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smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection

Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Wear suitable mask. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'- marked. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with European Standard EN14 387 and EN143. Full face mask respirators with replaceable filter cartridges should comply with European Standard EN136. Half mask and quarter mask respirators with replaceable filter cartridges should comply with European Standard EN140.

Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

SECTION 9: Physical and Chemical Properties**9.1. Information on basic physical and chemical properties**

Appearance	Emulsion.
Colour	White.
Odour	Characteristic.
pH	Not determined.
Melting point/freezing point	Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash point	Not determined.
Flammability (solid, gas)	Not applicable.
Auto-ignition temperature	Product is not selfigniting.
Explosive properties	Product does not present an explosion hazard.
Solubility in / Miscibility with water	Emulsifiable.
Density	0,960 ± 0,005 g/cm ³ (@0°C)
Viscosity	100 - 2000 mPa.s (0°C)

9.2. Other information

Active Oxygen Content	2,50 - 2,60 %
SADT	25°C

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SECTION 10: Stability and reactivity**10.1. Reactivity****Reactivity**

There are no known reactivity hazards associated with this product.

10.2. Chemical stability**Stability**

SADT (Self Accelerating Decomposition Temperature) is the lowest temperature at which self accelerating decomposition may occur with substance in the packaging as used in transport. A dangerous selfaccelerating decomposition reaction and, under certain circumstances, explosion or fire can be cause decomposition at and above the temperature. Contact with incompatible substances can cause decomposition at or below the SADT. No decomposition if used and stored according to specifications. To avoid thermal decomposition do not overheat.

10.3. Possibility of hazardous reactions**Possibility of hazardous reactions**

Self-accelerating decomposition at SADT.

10.4. Conditions to avoid**Conditions to avoid**

No further relevant information available.

10.5. Incompatible materials**Materials to avoid**

Rapid decomposition by dirt, rust, chemicals in particular concentrated acids, alkalis and accelerators (e. g. heavy-metal compounds and amines).

10.6. Hazardous decomposition products**Hazardous decomposition Products**

Hydrocarbons, carbondioxide and -monoxid. No hazardous decomposition products if used and stored according to specifications.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Product Information****Toxicological information**

Harmful if swallowed or in contact with skin.

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

Skin corrosion/irritation:

Causes skin irritation.

Respiratory or skin sensitisation:**Respiratory sensitisation**

Based on available data the classification criteria are not met.

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Skin sensitisation	Based on available data the classification criteria are not met.
Germ cell mutagenicity:	Genotoxicity - In Vitro - In Vivo Based on available data the classification criteria are not met.
Carcinogenicity:	Based on available data the classification criteria are not met.
Reproductive Toxicity - Fertility	Based on available data the classification criteria are not met.
Reproductive Toxicity – Development	Based on available data the classification criteria are not met.
Specific target organ toxicity - single exposure:	
STOT - Single exposure	Based on available data the classification criteria are not met.
Specific target organ toxicity - repeated exposure:	
STOT - Repeated exposure	Based on available data the classification criteria are not met.
Aspiration Hazard	Based on available data the classification criteria are not met.
Inhalation	May cause damage to mucous membranes in nose, throat, lungs and bronchial system.
Ingestion	May cause burns in mucous membranes, throat, oesophagus and stomach. Harmful: may cause lung damage if swallowed.
Skin contact	Irritating to skin. Risk of sensitisation or allergic reactions among sensitive individuals.
Eye contact	May cause temporary eye irritation.
Route of entry	Ingestion Inhalation Skin and/or eye contact
Target organs	No specific target organs known.
Medical considerations	Skin disorders and allergies.

Toxicology Data For The Ingredients:**Bis(3,5,5-trimethylhexanoyl) peroxide**

Acute oral toxicity	LD50: >5000 mg/kg	Species: Rat
Acute dermal toxicity	LD50: >2000 mg/kg	Species: Rat

methanol

Acute oral toxicity	LD50: 300 mg/kg	Species: Rat
Acute dermal toxicity	LD50: 300 mg/kg	Species: Rat
Acute inhalation toxicity	LC50: 3 mg/l	Exposure time: 4 h

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SECTION 12: Ecological Information**12.1. Toxicity****Ecological information on ingredients.****Bis(3,5,5-trimethylhexanoyl) peroxide**

Toxicity to fish	LC50, 96h (Danio rerio (zebra fish)): > 1,000 mg/l
Toxicity to algae	EC50, 72h (Desmodesmus subspicatus (green algae)): > 100 mg/l
Toxicity to daphnia and other aquatic invertebrates	EC50, 48h (Daphnia magna (Water flea)): > 100 mg/l

Methanol

Toxicity to fish	NOEC, 96h (Danio rerio (zebra fish)): 3,950 mg/l
Toxicity to daphnia and other aquatic invertebrates	EC50, 48h (Daphnia magna (Water flea)): 18,260 mg/l
Toxicity to algae	EC50, 96h (Scenedesmus quadricauda (Green algae)): ca.22,000 mg/l
Toxicity to bacteria	IC50, 3h: >1,000 mg/l
Toxicity to fish (Chronic toxicity)	NOEC: 15,800 mg/l, 200h
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	NOEC: 208 mg/l, 21d

12.2. Persistence and degradability**Persistence and degradability** The degradability of the product is not known.**12.3. Bio accumulative potential****Bio accumulative potential** No data available on bioaccumulation.**12.4. Mobility in soil****Mobility** No data available.**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.**12.6. Other adverse effects****Other adverse effects** None known.**SECTION 13: Disposal considerations****13.1. Waste treatment methods**

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General information

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Containers should be thoroughly emptied before disposal because of the risk of a fire. Do not cut or weld used containers unless they have been thoroughly cleaned internally.

SECTION 14: Transport information**General information**

For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

14.1. UN number

UN No. (ADR/RID) 3119

UN No. (IMDG) 3119

UN No. (ICAO) 3119

UN No. (ADN) 3119

14.2. UN proper shipping name

Proper Shipping name(ADR/RID) ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED (Bis(3,5,5 trimethylhexanoyl) peroxide)

Proper Shipping name (IMDG) ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED (Bis(3,5,5 trimethylhexanoyl) peroxide)

Proper Shipping name (ICAO) ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED (Bis(3,5,5 trimethylhexanoyl) peroxide)

Proper Shipping name (ADN) ORGANIC PEROXIDE TYPE F, LIQUID, TEMPERATURE CONTROLLED (Bis(3,5,5 trimethylhexanoyl) peroxide)

14.3. Transport hazard class(es)

ADR/RID class 5.2

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ADR/RID label	5.2
IMDG class	5.2
ICAO class/division	5.2
ADN class	5.2

Transport labels**14.4. Packing group**

Not applicable.

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-F, S-R**Emergency Action Code** 2W**Hazard Identification Number** 539**(ADR/RID)****Tunnel restriction code** (D)**14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code****Transport in bulk according to** No data available.**Annex II of MARPOL****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.

EU legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

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Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**Key literature references and sources for data**

This SDS is prepared based on the information received from the product owner.

Classification procedures according to Regulation (EC) 1272/2008

Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Skin Sens. 1 - H317 STOT SE 1 - H370: Calculation method. Org. Perox. F - H242: : Expert judgement.

Training advice

Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Revision comments

The SDS is generated in accordance with the 1907/2006 REACH and 1272/2008 CLP regulations.

Issued By

Simge ARIK - lab@akpakimya.com +90 282 361 80 99

Issued Date

29.05.2017

Revision date

31.05.2019

Revision

1.0

Hazard statements in full**H225**

Highly flammable liquid and vapour

H242

Heating may cause a fire.

H301

Toxic if swallowed.

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H315

Causes skin irritation.

H317

May cause an allergic skin reaction.

H331

Toxic if inhaled.

H332

Harmful if inhaled.

H370

Causes damage to organs.

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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.