

# Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

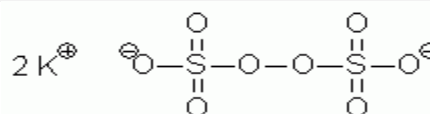
## POTASSIUM PERSULPHATE

 Version: 1.0  
 Form No: 193158

 Preparation Date: 11/29/2019  
 Revision Date: 11/29/2019

### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product Identifier

<b>Product Name</b>	<b>POTASSIUM PERSULPHATE (Potassium persulfate)</b>
<b>SDS<sup>1</sup> No</b>	193158
<b>Product Description</b>	Substance
<b>Chemical Name</b>	Potassium Persulphate
<b>CAS No</b>	7727-21-1
<b>EINECS No</b>	231-781-8
<b>Chemical Formula</b>	K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>
<b>Structural Formula</b>	

#### 1.2 Relevant Identified Uses Of The Product And Uses Advised Against

<b>Relevant Identified Uses</b>	Used as oxidizer and catalyst in the production of various chemicals.
<b>Uses Advised Against</b>	See chapter 16 for a general overview

#### 1.3 Details Of The Supplier Of The Safety Data Sheet

<b>Supplier (Manufacturer)</b>	<b>AK-KİM KİMYA SAN. VE TİC. A.Ş.</b>
<b>Address – Factory</b>	Merkez Mahallesi, Ak-Kim Sokak, No:7 Taşköprü, Çiftlikköy / TÜRKİYE <a href="http://www.akkim.com.tr">www.akkim.com.tr</a>
<b>Telephone</b>	0 226 815 33 00
<b>Fax</b>	0 226 353 25 39

#### 1.4 Information Providing Authority About Safety Data Sheet

	Ali Haydar KETİR ali.ketir@akkim.com.tr
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#### 1.5 Emergency Telephone Number

<b>Company Emergency</b>	0 226 815 33 00
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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification Of The Product

##### 2.1.1 Classification According to Regulation (EC) No 1272/2008

- Ox. Sol. 3; H272
- Acute Tox.4, oral; H302
- Skin Irrit.2; H315
- Skin Sens.1; H317
- Eye Irrit.2; H319
- Resp.Sens.1; H334
- STOT SE 3; H335

#### 2.2 Label elements

##### 2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP<sup>2</sup>/GHS<sup>3</sup>]

##### Product Identifier


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<b>Hazard Component for Labeling</b>	
· Potassium Persulphate	
<b>Hazard Pictograms</b>	
	
<b>Signal Word</b>	
· DANGER	
<b>Hazard Statements</b>	
H272 May intensify fire; oxidizer.	
H302 Harmful if swallowed.	
H315 Causes skin irritation.	
H317 May cause an allergic skin reaction.	
H319 Causes serious eye irritation	
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
H335 May cause respiratory irritation.	
<b>Precautionary Statements</b>	
<b>General</b>	
· None	
<b>Prevention</b>	
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.	
P261 Avoid breathing dust/fume/gas/mist/vapours/ spray.	
P280 Wear protective gloves/protective clothing/eye protection/face protection.	
<b>Response</b>	
P302+P352 IF ON SKIN: Wash with plenty of soap and water.	
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
<b>Storage</b>	
P403+P233 Store in a well-ventilated place. Keep container tightly closed.	
<b>Disposal</b>	
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Supplemental Hazard Information (EU) Statements</b>	
· None	
<b>2.2.2. Special Rules For Supplemental Label Elements For Certain Mixtures</b>	
· None.	
<b>2.2.3. Additional Labeling</b>	
· Not Applicable	

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### 2.3 Hazard Identification

#### 2.3.1. Skin Contact

Causes skin irritation. May cause an allergic skin reaction.

#### 2.3.2. Eye Contact

· Causes serious eye irritation

#### 2.3.3. Ingestion

Harmful if swallowed.

#### 2.3.4. Inhalation

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### 2.3.5. Long term effects

No data

#### 2.3.6. Adverse Environmental Effects

No data

### 2.4. Additional Information

· May intensify fire; oxidizer.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Description Of The Substance:

NAME	EINECS NO	CAS NO.	CONTENT (%)	CLASSIFICATION
				CLP
Potassium Persulphate	231-781-8	7727-21-1	>99	Ox. Sol. 3; H272 Acute Tox.4, oral; H302 Skin Irrit.2; H315 Skin Sens.1; H317 Eye Irrit.2; H319 Resp.Sens.1; H334 STOT SE 3; H335

### 3.2 Additional information

· The related loss definition sentences are given in section 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

#### 4.1.1 General information

· In case of emergency, seek medical advice by showing this safety data sheet.

#### 4.1.2 Following inhalation

- In case of inhalation of fumes or combustion products, move away from the affected area. Tilt the affected person, keep them warm and rest.
- Prosthesis such as dentures may obstruct the airway and should be removed, if appropriate, before starting first aid. If breathing has stopped, apply artificial respiration, preferably use a breathing mask with a request valve (bag-valve mask) or a pocket mask system (which provides respiration in poisoned persons).
- Apply CPR if necessary. Get medical attention.
- The material may cause respiratory irritation in some people. The body's response to such irritation may lead to further lung damage. In people with impaired respiratory

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*function, respiratory diseases, and emphysema and chronic bronchitis, inhalation of particles at excessive concentrations may result in further disability.*

### 4.1.3 Following skin contact

- *In case of contact with skin, remove contaminated clothing and shoes immediately.*
- *Wash skin and hair with running water (and soap if available).*
- *Get medical attention if irritation occurs.*
- *This material can cause skin inflammation in contact with some people. The material may exacerbate the pre-existing dermatitis. Open cuts, worn or irritated skin should not be exposed to this material. Entry into the bloodstream by means of cuts, abrasions or lesions; may cause systemic damage with harmful effects. Inspect the skin before using the material and make sure that any external injuries are properly protected.*

### 4.1.4 Following eye contact

- *In case of contact with this product, immediately flush eyes with running water.*
- *To ensure that all parts of the eye are thoroughly washed, the eyelids should be kept open and the upper and lower lid removed occasionally.*
- *Get medical attention if pain persists or recurs.*
- *After injury to the eyes, contact lenses should only be removed by the authorized person.*
- *This material may cause eye irritation and damage to some people.*

### 4.1.5 Following ingestion

- *Give milk or water (if conscious). PROVIDE VOMITING.*
- *Get medical attention.*
- *Accidental ingestion of material may be harmful; Experiments on animals show that oral ingestion of less than 150 grams may be fatal or cause serious damage to the person's health.*

### 4.1.6 Self-protection of the first aider

- *Pay attention to self-protection*

### 4.1.7 Notes for the doctor

- *Treat symptomatically (treat according to symptoms).*
- *Toxic inflammation of the heart muscle is caused by ingestion of oxidizing agents such as peroxides.*

## 5. FIRE-FIGHTING MEASURES

### 5.1 General Information and Flammable Properties

- *The product is not flammable, but increases the severity of the fire in case of fire.*

### 5.2 Extinguishing media:

- *Dry chemical, Carbon dioxide (CO<sub>2</sub>), Foam*

### 5.3 Unsuitable extinguishing media

- *No data.*

### 5.4 Special hazards arising from the product

- *Causes severe rupture of containers as a result of heating or expansion or decomposition. Containers affected by heat are dangerous.*
- *Emits irritating, toxic or corrosive fumes. When the product is decomposed, caustic and acetic gases, sulfur dioxide, sulfur trioxide and ozone are released.*

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### 5.5 Advice for fire-fighters

- Move personnel to safe area.
- Personnel in the event of firefighting should wear a particulate filter respirator, full face shield goggles and chemical protective clothing.
- Cool the packages in the fireplace with water.

### 5.6 Additional information

- Avoid contaminating the environment by using excess extinguisher.
- Fire-fighting waste should not be allowed to reach sewers and groundwater.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

#### For Emergency Responders:

- Wear suitable protective clothing, gloves and eye / face protection.

#### SMALL SPILLS:

- Check personal contact using personal protective equipment.

#### LARGE SPILLS:

- Evacuate all personnel and move with the wind behind you.
- Call the fire department to report the status and location of the hazard.
- Wear breathing apparatus and protective gloves.
- Do not allow smoking, flames or sources of ignition. Increase ventilation. Apply personal protection measures as described in section 8 of Exposure Control. Other Remarks
- Make sure that personnel thoroughly read and understand all safety precautions.

#### Non-Emergency Responders:

- Apply personal protection measures as described in section 8 of Exposure Control.
- Consult an expert for emergency procedures.
- Do not touch or touch the product until all safety precautions have been read and understood.

### 6.2 Environmental precautions

- Residues must be collected and placed in sealed and labeled containers for disposal or recycling. Neutralize / disinfect the area. Improper spillage may cause soil and water contamination. Do not allow to enter sewers / surface or ground water.
- In case of entering into water or sewage system, inform authorities.

### 6.3 Methods and material for containment and cleaning up

#### 6.3.1 For containment

- Follow local regulations. Place contaminated material in a suitable container and dispose of in accordance with section 13.

#### 6.3.2 For cleaning up

- To avoid subsequent explosions and fires, do not allow to contaminate with organic materials. Rinse the area with plenty of water and prevent the wash water from flowing into the drainage channels.
- Use non-sparking and explosion-proof equipment. Tools must be disinfected and protective clothing washed before storage and reuse
- Follow local regulations. Place contaminated material in a suitable container and dispose of according to section 13.

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### 6.3.3 Other information

- No data

### 6.4 Reference to other sections

- See section 7 for information on safe handling.
- See Section 8 for information on personal protective equipment.
- See section 13 for information on disposal.

## 7. HANDLING AND STORAGE

### 7.1.1 Precautions for safe handling

- Avoid any individual contact, including breathing. Avoid contact with moisture.
- Always wear personal protective equipment and wash contaminated clothing.
- Keep material away from light, heat, flammable and combustible materials.
- Keep away from cool, dry and incompatible materials.
- DO NOT put unused amount back into containers.
- Captain just take as much as needed for immediate use.
- Contamination may cause possible heating and fire.
- Only use the appropriate operating modes.
- Observe the manufacturer's storage and handling recommendations.
- Industrial hygiene standards must be followed to avoid ingestion, contact with eyes and skin during use of chemicals.
- Wash hands thoroughly with soap and water after handling.
- Ensure good ventilation at work.
- Smoking, eating and drinking should be prohibited in the application area.

### 7.1.2 Protective measures

#### Personal preventions

- Take precautions to prevent or control both fire and aerosol and dust formation to ensure safe handling of the substance or mixture.
- Wear protective cloth and avoid contact with cloths.

#### Special Rules for Handling

- Avoid direct contact with the substance. Wear personal protective equipment.
- Avoid contact with eyes and skin. Make sure the environment is well ventilated.

#### Advice for protection against fire and explosion:

- Do not approach sources of ignition or smoke.
- Keep firefighting equipment ready.

#### Fire preventions

- See section 5.

#### Environmental precautions:

- Do not allow to enter sewers / surface or ground water.
- In case of entering into water or sewage system, notify the competent authorities and inform the authorities. Avoid accumulation in cavities and pits.

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### 7.1.3 Advice on general occupational hygiene

- Industrial hygiene standards must be followed to avoid ingestion, contact with eyes and skin during use of chemicals. Wash hands thoroughly with soap and water after handling. Ensure good ventilation at work.
- Smoking, eating and drinking should be prohibited in the application area.
- Contaminated clothing and protective equipment should be removed before entering dining areas.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store the substance in its original packaging.
- DO NOT repackage.
- Keep containers tightly sealed as supplied. Store indoors, out of daylight.
- Keep away from combustible, flammable, rubbish and waste.
- Contact with them may result in severe reaction or fire.
- Protect containers against physical damage.
- Regularly check for leaks.
- Smoking, eating and drinking should be prohibited in the environment.
- The tank must be dry and cool. Ensure good ventilation.
- Observe the manufacturer's storage and handling recommendations.
- Storage class 5.1 materials shall be stored in packing group III packaged and shall be located at least 5 meters from tanks and buildings, tanks containing other dangerous materials and also from the building's property boundary. The tank should be cleaned regularly and the ventilation, temperature and humidity controls should be done regularly. All materials should be kept sealed in their original packaging when not in use.
- **STORAGE INCOMPATIBILITY**
- Acids, alkalis, halogens, reducing agents, iron, copper and their alloys.

#### Advice on common storage

- Keep away from food, drink and animal feeding areas.
- Keep away from sources of open fire, sparks and heat.
- Follow the general rules for storing chemicals.
- Do not store together with flammable, explosive, toxic, radioactive, oxidizing agents. Special precautions are necessary for storage together with substances harmful to health.

#### Specific precautions on storage

- No data.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### 8.1.1 Occupational exposure limits

Potassium persulphate:

- TWA 1mg/m<sup>3</sup>

### 8.2 Exposure controls

- Make sure that personal protective equipment is used in accordance with the relevant regulations and requirements.

#### 8.2.1 Appropriate engineering controls:

- If necessary, install the air filtration system in accordance with NIOSH and CEN systems.

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- Design the area of use to prevent contamination of the product.
- See Section 7.

### 8.2.2 Personal protection equipment

- Use only in well-ventilated areas. Keep away from foodstuffs, beverages and animal feed. Remove contaminated, soiled clothing immediately.
- Wash hands at the end of work and after work break. Avoid direct contact with eyes and skin.
- Do not eat or drink any food while using this material. Do not smoke.

#### 8.2.2.1 Eye / Face protection:

- Wear chemical goggles with full face shield.
- Contact lenses present a special hazard, soft lenses absorb irritating materials and accumulate in all lenses by storing them.



#### 8.2.2.2 Skin protection

##### Hand protection

- Wear chemical protective gloves, eg. PVC.
- NOTE: The material causes skin sensitization in inclined persons. Care must be taken when removing gloves or other protective equipment to avoid any contact with the skin. DO NOT use cotton or cotton-lined gloves.
- DO NOT use leather gloves.



##### Body protection

- Use chemical protective boots, eg. Rubber. Immediately flush contaminated leather shoes with hose or make sure the shoes are PVC coated. PVC Apron in case of serious exposure. Use PVC protective clothing.
- Make sure the safety shower is easily accessible. The type of personal protective equipment required is determined by the local concentration, quantity and conditions of use of the substance.
- Consult your site-specific (if applicable) Occupational Health and Safety Specialist for more information.



##### Other protection

- Handle in accordance with good industrial hygiene and safety practice.

#### 8.2.2.3 Respiratory protection

- Wear suitable respiratory equipment with a particulate filter.



### 8.2.3 Environmental exposure controls

Provisions under the existing legislation on environmental protection should be fully fulfilled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Appearance

<b>Form/Physical state</b>	Solid, crystal
<b>Color</b>	White
<b>Odor</b>	Odorless
	<b>Value</b>
pH (200 g/l) @ (20°C)	3-7



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Melting/Freezing point/range (°C)	No data
Boiling point/range (°C) 1,013 hPa	Not applicable
Flash Point (°C) Closed cup	Does not flash.
Auto Ignition temperature (°C)	Not applicable
Viscosity (cp @ 0°C/chlorine, liquid)	No data
Density (g/cm <sup>3</sup> )	2,48
Relative Density kg/m <sup>3</sup> @ 20 °C	1300
Vapour Pressure (mmHg) @ 35°C	40
Vapour Density (Air=1) (kg/m <sup>3</sup> ) @ 0°C, 1atm	Not applicable
Upper explosion limit % (V)	Not applicable
Lower explosion limit % (V)	No data
Solubility in water g/l	60 @ 25°C 170 @ 50°C
Partition coefficient n-Octanol/Water (log Po/w)	No data
Molecular Weight (g/mol)	270,3

**Note:** The above features were determined according to prescribed methods at the Classification, Packaging and Labeling of Hazardous. Substances Regulation Section A-3 or a method comparable to the other.

### 10. STABILITY AND REACTIVITY

#### 10.1 Reactivity

- No data

#### 10.2 Chemical stability

- Stable under normal use and storage conditions.

#### 10.3 Possibility of hazardous reactions

- No data

#### 10.4 Conditions to avoid:

- Keep away from moisture and heat.
- Store at 2-25°C without exposure to sunlight.

#### 10.5 Incompatible materials:

- May produce strong reactions with acids, alkalis, halogens, reducing agents, iron, copper and their alloys.

#### 10.6 Hazardous decomposition products:

- When the product is decomposed, caustic and acetic gases, sulfur dioxide, sulfur trioxide and ozone are released.

#### 10.7 Hazardous polymerization:

- No data.

### 11. TOXICOLOGICAL INFORMATION

#### 11.1 General Information

- This section basically contains information created for use by health professionals, occupational health and safety experts and toxicologists.
- It contains a brief but complete and comprehensible description of the various toxicological (health) effects and the current information used to detect these effects, including toxicokinetics, metabolism and distribution, where appropriate.
- The information in this section is consistent with the classification of the substance or mixture.

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<ul style="list-style-type: none"> <li>The fields labeled No Information indicate that there is no definite information in the researches. Under normal conditions of use, primary exposure occurs through skin and eye contact.</li> </ul>	
<b>11.2 Acute toxicity</b>	
<p><b>Oral:</b></p> <ul style="list-style-type: none"> <li>LD50 Oral (Oral): 802mg/kg (Fare) (RTECS)</li> </ul> <p><b>Dermal:</b></p> <ul style="list-style-type: none"> <li>LD50 Dermal: No data</li> </ul> <p><b>Inhalation:</b></p> <ul style="list-style-type: none"> <li>LC50 Inhalation: No data</li> </ul>	
<b>11.3 Skin corrosion/irritation and Eye damage/irritation:</b>	
<p><b>Skin:</b></p> <ul style="list-style-type: none"> <li>It is not corrosive. Irritating effect.</li> </ul> <p><b>Eye:</b></p> <ul style="list-style-type: none"> <li>It is not corrosive. Irritating effect.</li> </ul> <p><b>Sensitization:</b></p> <ul style="list-style-type: none"> <li>Respiratory and skin sensitizer.</li> </ul>	
<b>11.4 CMR effects (Carcinogenity):</b>	
<ul style="list-style-type: none"> <li>29 As stated in CFR 1910.1200 (Risk Statement), this product, as listed in the NTP, IARC or OSHA, does not contain information on the content of the carcinogenic substance.</li> </ul>	
<b>11.5 CMR effects (Mutagenicity and Toxicity for reproduction):</b>	
<ul style="list-style-type: none"> <li>Mutagenicity: No known adverse effects.</li> <li>No information is available on reproductive toxicity.</li> </ul>	
<b>11.6 Other Toxicological Effects:</b>	
Allergic Effects	May cause an allergic reaction.
Effects on Repeated Doses Chronic Exposures	No data available.
Sensitization	May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Developmental Toxicity (Teratogenicity)	No data available.
Fertility	No data available.
<b>11.7 STOT-single/repeated exposures:</b>	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	No data available.
<b>11.8 Symptoms related to the physical, chemical and toxicological characteristics:</b>	
In case of inhalation	The material may cause respiratory irritation in some people. The body's response to such irritation may lead to further lung damage. In people with impaired respiratory function, respiratory diseases, and emphysema and chronic bronchitis, inhalation of particles at excessive concentrations may result in further disability.
In case of skin contact	This material can cause skin inflammation in contact with some people. The material may exacerbate the pre-existing dermatitis.

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	Open cuts, worn or irritated skin should not be exposed to this material. Entry into the bloodstream by means of cuts, abrasions or lesions; may cause systemic damage with harmful effects. Inspect the skin before using the material and make sure that any external injuries are properly protected.
In case of eye contact	This material may cause eye irritation and damage to some people.
In case of ingestion	Accidental ingestion of material may be harmful; Experiments on animals show that oral ingestion of less than 150 grams may be fatal or cause serious damage to the person's health.

### 11.9 Additional Toxicological Information:

#### Medical Warnings:

- In case of contact with skin and eyes, rinse with plenty of clean water.
- In case of inhalation, person should be given fresh air and respiratory should be monitored. If swallowed, drink milk and induce vomiting.
- Toxicological classification is based on content information and available information.

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity:

- Acute Fish Toxicity - *Poecilia reticulata* (LC50 96 Hours): 100 mg / l
- Acute Daphnia Toxicity (EC50 24 Hours): 357 mg / l
- Acute Algae Toxicity (EC50): 36mg / l

### 12.2 Photo degradation

No data

### 12.3 Effects on Wastewater Treatment Plants

Not determined.

### 12.4 Mobility

Liquid.

Completely miscible.

The mobility of the iron-3-chloride solution is high.

Water threat class

WGK: 1 (Low hazardous to water)

Clean Water Impact

No data available

Known or predicted environmental distribution

No data available

### 12.5 Results of PBT and vPvB assessment

<b>Biotic</b>	
Ready biodegradability:	No data available
<b>Abiotic:</b>	
Hydrolysis as a function of pH:	No data available
Photolysis:	No data available
Atmospheric oxidation:	No data available
<b>Persistence and degradability:</b>	
Decomposition Potential of the products	No data available.
The half-life of degradation	No data available

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Potential degradation of product content in the evaluation of wastewater treatment plants	No data available
<b>Bioaccumulation Potential:</b>	
Biological environment (biota) accumulation potential	No data available.
Potential - nutrients pass through	No data available
Reference Values - Log Kow , Sw and BCF	No data available
<b>12.6 Additional information</b>	
Do not allow to be released into the environment, see Sections 6, 7, 13, 14 and 15 for information on accidental release to the environment, transport and waste disposal.	

### 13. DISPOSAL CONSIDERATIONS

#### 13.1 Product / Packaging disposal

- Incinerate absorbed material at a licensed facility.
- Waste and used packaging must be disposed of in accordance with relevant regulations.
- Do not allow to enter surface and ground water, drinking water supplies, still and running water, or sewage.

#### 13.2 Contaminated packaging

- Spillage, waste product, contaminated soil must be disposed of following local and central legal regulations.
- Do not allow the product to be disposed of with household waste.
- It is strictly forbidden to mix the product into sewers and groundwater.
- In such cases, inform the authorities.

#### 13.3 Disposal Methods





- Dispose of in accordance with applicable regulations.
- Clean empty containers with 5 aqueous sodium hydroxide or soda ash followed by water. Follow all safety regulations on the label until containers are cleaned and disposed of.

#### 13.4 European Waste Catalogue

- The allocation of waste identification numbers / waste definitions should be done in a manner that is specific to industry and processes according to the EWC.

### 14. TRANSPORT INFORMATION

#### UN 1492 POTASYUM PERSULPHATE

	ADR <sup>4</sup> /RID <sup>5</sup>	ADNR6	IMDG <sup>7</sup>	ICAO <sup>8</sup> /IATA <sup>9</sup>
TRANSPORTATION	Road	River	Marine	Airways
PROPER SHIPPING NAME	UN 1492 POTASYUM PERSULPHATE			
UN/ID No.	1492	1492	1492	1492
SYMBOL				
CLASS	5.1	5.1	5.1	5.1
PACKAGING GROUP	III	III	III	III
LABELLING NO	5.1	5.1	5.1	5.1

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<b>CLASSIFICATION CODE</b>	O2			
<b>HAZARD NO (HIN NO)</b>	50			
<b>TUNNEL RESTRICTION CODE</b>	3 (E)			
<b>EmS</b>			F-A; S-Q	
<b>MARINE Pollutant</b>			NO	
<b>Road Transport Notes: -</b>				

### 15. REGULATORY INFORMATION

#### 15.1 Safety, Health And Environmental Regulations / Legislation Specific For The Substance

Substance is found on the following regulatory lists;

- "European Union - European Inventory of Existing Commercial Chemical Substances (EINECS) (English)"

#### 15.2 Chemical Safety Assessment

No data available

##### 15.2.1 HAZARD

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

- May intensify fire; oxidizer.
- Harmful if swallowed.
- Causes skin irritation.
- May cause an allergic skin reaction.
- Causes serious eye irritation
- May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- May cause respiratory irritation.

##### 15.2.2 RISK

- Intensify fire; oxidizer.
- Eye irritation
- Allergic skin reaction.
- Allergy or asthma or breathing difficulties
- Respiratory irritation.

#### 15.3 INTERNATIONAL REGULATIONS

- This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006 and ISO 11014:2009. This product is classified according to EU Directive 67/548/EC and GHS/CLP.

### 16. OTHER INFORMATION

#### 16.1 Other information

- For additional information regarding **AK-KIM KIMYA SAN. VE TIC. A.Ş** products please contact the **AK-KIM KIMYA SAN. VE TIC. A.Ş**
- Ali Haydar KETİR - ali.ketir@akkim.com.tr

# Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

## POTASSIUM PERSULPHATE

Version: 1.0  
Form No: 193158

Preparation Date: 11/29/2019  
Revision Date: 11/29/2019

- The above information complies with the 199/45/EC and 1907/2006 Directives and their amendments.
- In all cases of potential poisoning supportive therapy is of the utmost importance.

### 16.2 Related Person

- Prepared by: Mustafa Selçuk BİLGİN ([selcuk.bilgin@doruksistem.com.tr](mailto:selcuk.bilgin@doruksistem.com.tr))  
**Competent Person Accreditation No: TSE GBF-A-0-2707 21.12.2017**

### 16.3 Revision Date, Version and SDS no

- Date: November 29, 2019
- Version: 1.0
- MSDS No: 193158

### 16.4 Reason of re-issue

- Compiling according to Regulation (EC) No 1272/2008

### 16.5 Relevant R-, H- and EUH-phrases (number and full text):

- H272** May intensify fire; oxidizer.
- H302** Harmful if swallowed.
- H315** Causes skin irritation.
- H317** May cause an allergic skin reaction.
- H319** Causes serious eye irritation
- H334** May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335** May cause respiratory irritation.

### 16.6 Legal disclaimer

- The purpose of the above information is to describe the products only in terms of health and safety requirements.
- The information given should not, therefore, be construed as guaranteeing specific properties or as specification.
- Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.
- The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.
- The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

<sup>1</sup> SDS: Safety Data Sheet

<sup>2</sup> CLP: Classification Labelling and Packaging

<sup>3</sup> GHS: Global Harmonised System

<sup>4</sup> ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

<sup>5</sup> RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

<sup>6</sup> ADN: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

<sup>7</sup> IMDG: International Maritime Code for Dangerous Goods

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## POTASSIUM PERSULPHATE

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<sup>8</sup> ICAO: International Civil Aviation Organization

<sup>9</sup> IATA: International Air Transport Association

KONTROLÜ KOPYA