

Title: Safety Data Sheet of ARIASOAP S42



ARIA SHIMI RAYKA

Dept.: Health & Safety	Doc. Code: ASR-HS-SP-003-WI-F035	Issue / Revising Date:2022.07.21
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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	Potassium Oleate
Product description:	Potassium Oleate 42%
catalog code :	ARIASOAP S42-SDS 35
Manufacturer:	Aria Shimi Rayka Co. Unit 3, No.18, 17 th Alley, Bokharest St. Argentina Sq. Tehran, IRAN
Telephone:	(+98-21)433 87
fax number :	(+98) 21 88100000

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical and Common Name	CAS Registry Number	Wt. %
Potassium Oleate	143-18-0	40-45 %
Water	7732-18-5	54-58%

3. HAZARDS IDENTIFICATION

Emergency Overview:	Acute Aquatic Toxicity (Category 3). No component of this product at levels greater than 0.1% is identified as carcinogenic by IARC, ACGIH, or OSHA.
Eye contact:	Eye Irritation (Category 2A)
Skin contact:	Mild Skin Irritation (Category 3)
Inhalation:	May be harmful if inhaled. Unlikely to cause serious injury.
Ingestion:	May cause irritation to mouth, throat, and stomach.
Chronic hazards:	No data available
Physical hazards:	Not classified.

4. FIRST AID MEASURES

Eye:	If irritated, flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. If irritation persists, consult a physician. Continue rinsing eyes during transport to hospital.
Skin:	If irritated, take off contaminated clothing and shoes immediately. Flush skin with plenty of water for at least fifteen minutes. If irritation persists, consult a physician.
Inhalation:	move person into fresh air. If not breathing, give artificial respiration and seek emergency medical attention. Consult a physician.
Ingestion:	Do NOT induce vomiting unless instructed to do so by a physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
Most important symptoms/effects, acute and delayed	No further relevant information available.
Indication of immediate medical attention and special treatment needed	No further relevant information available.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Use water-spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Tailor extinguishing media to surrounding fire.
Unsuitable extinguishing media	Do not use a heavy water stream & high volume water jet.
Specific hazards arising from the chemical	If this product is involved in a fire, the following can be released: Carbon monoxide and carbon dioxide
Special protective equipment and precautions for firefighters	Wear self-contained respirator. Wear fully protective impervious suit.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Low flammability risk. Prevent fire extinguishing water from contaminating surface water or the ground water system. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation.
Methods and materials for containment and cleaning up	Carefully clean up and dispose of the material in suitable containers. If assistance is needed call CHEMTREC or emergency services. Ground will be slippery where spilled.
Environmental precautions	Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into the environment must be avoided.

7. HANDLING AND STORAGE

Precautions for safe handling	Do not get in eyes, on skin, or on clothing. Use personal protective equipment. Always wash hands after handling the product.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Biological limit values	No biological exposure limits noted for the ingredient(s)
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Provide eyewash station. Eye wash facilities and emergency shower must be available when handling this product.
Individual protection measures, such as personal protective equipment Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection Hand protection	Impervious gloves Check protective gloves prior to each use for their proper condition. The selection of suitable gloves not only depends on the material, but also on quality. Quality will vary from manufacturer to manufacturer.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH approved respirator with appropriate cartridges.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.

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General hygiene considerations	<p>Always ensure adequate ventilation and that working areas contain safely showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices. The usual precautionary measures for handling chemicals should be followed.</p> <p>Keep away from foodstuffs, beverages and feed.</p> <p>Remove all soiled and contaminated clothing immediately.</p> <p>Wash hands before breaks and at the end of work.</p> <p>Maintain an ergonomically appropriate working environment.</p>
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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Yellow to brown
Physical state(at 25°C)	Paste
Odor	Soap
pH	9 – 11 (1% in water)
Dry Matter	40-45%

10. STABILITY AND REACTIVITY

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use. Hazardous polymerization does not occur.
Conditions to avoid	Strong oxidizing agents/reducing agents
Incompatible materials	Oxidizing agents.
Hazardous decomposition products	Carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation	May be harmful if inhaled. Unlikely to cause serious injury.
Skin contact	May cause irritation.
Eye contact	May cause irritation.
Ingestion	May cause irritation to mouth, throat, and stomach.
Symptoms related to the physical, chemical and toxicological characteristics	Irritation.
Dermal LD50	(Rat): > 5000 mg/kg
Oral LD50	(Rat): > 5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity	Harmful to aquatic life.
Persistence and degradability	No data available.
Bioaccumulative potential	Not expected to bio-accumulate.
Mobility in soil	No data available.
Other adverse effects	Potassium salts of fatty acids are known to be toxic to aquatic invertebrates.

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose of contents/container in accordance with
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	local/regional/national/international regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

14. TRANSPORT INFORMATION

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according. Annex II of MARPOL 73/78 and the IBC Code	Not available.

15. REGULATORY INFORMATION

US federal regulations	Not regulated.
TSCA Section 12(b) Export Notification (40 CFR 707, Sub pt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not regulated.
SARA 304 Emergency release notification	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	Not regulated.
Superfund Amendments and Reauthorization Act of 1986 (SARA)	Not regulated.
SARA 311/312 Hazardous	NO.
Clean Water Act (CWA)	Not regulated.

16. OTHER INFORMATION

THE INFORMATION ON THIS SAFETY DATA SHEET IS BELIEVED TO BE ACCURATE AND IT IS THE BEST INFORMATION AVAILABLE TO ARIA SHIMI RAYKA Co. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONS FOR HANDLING A CHEMICAL BY A PERSON TRAINED IN CHEMICAL HANDLING. ARIA SHIMI RAYKA MAKES NO WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED WITH RESPECT TO SUCH INFORMATION OR THE PRODUCT TO WHICH IT RELATES, AND WE ASSUME NO LIABILITY RESULTING FROM THE USE OR HANDLING OF THE PRODUCT TO WHICH THIS SAFETY DATA SHEET RELATES. USERS AND HANDLERS OF THIS PRODUCT SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION PROVIDED HEREIN FOR THEIR OWN PURPOSES.