

Title: Safety Data Sheet of ARIASOFT G



ARIA SHIMI RAYKA

Dept.: Health & Safety	Doc. Code: ASR-HS-SP-003-WI-F025	Issue / Revising Date:2022.07.21
Page No.: Page 1 of 4	Revision No.: 00	Exp. Date: 2024.07.21

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	GLYCERINE MONOSTEARATE
Product description:	GLYCERINE MONOSTEARATE 40%
catalog code :	ARIASOFT G –SDS 25
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. %
GLYCERINE MONOSTEARATE	123-94-4	39-42 %

3. HAZARDS IDENTIFICATION

Emergency Overview:	Waxy flakes or powder , solid, odor mild Causes severe irritation to eyes. Causes moderate skin irritation. Spray mist causes irritation to respiratory tract. Due to high pH of product, release into surface water is harmful to aquatic life.
Eye contact:	Serious eye damage/eye irritation (Category 2B)
Skin contact:	Slightly hazardous in case of skin contact (irritant)
Inhalation:	Slightly hazardous in case of Inhalation
Ingestion:	Slightly hazardous in case of Inhalation
Chronic hazards:	No known chronic hazards. Not listed by NTP, IARC or OSHA as a carcinogen
Physical hazards:	Not classified.

4. FIRST AID MEASURES

Eye:	Immediately flush eyes with plenty of water for at least 10 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Skin:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Inhalation:	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion:	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
Most important symptoms/effects, acute and delayed	Direct contact with eyes may cause temporary irritation.
Indication of immediate medical attention and special treatment needed	Treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

Title: Safety Data Sheet of ARIASOFT G



ARIA SHIMI RAYKA

Dept.: Health & Safety	Doc. Code: ASR-HS-SP-003-WI-F025	Issue / Revising Date:2022.07.21
Page No.: Page 2 of 4	Revision No.: 00	Exp. Date: 2024.07.21

5. FIRE FIGHTING MEASURES

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂). May be combustible at high temperature
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire. Slightly flammable to flammable in presence of heat. Non-flammable in presence of shocks.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed. These products are carbon oxides (CO, CO ₂).
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
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. Use water spray to cool unopened containers.
General fire hazards	No unusual fire or explosion hazards noted.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away.
Methods and materials for containment and cleaning up	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area. Following product recovery, flush area with water.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

7. HANDLING AND STORAGE

Precautions for safe handling	Ground/bond container and receiving equipment. Observe good industrial hygiene practices. Keep away from heat. Keep away from sources of ignition. Ground all equipment containing material. Do not breathe dust.
Conditions for safe storage, including any incompatibilities	Store in original tightly closed container. Guard against dust accumulation of this material. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Keep container tightly closed. Keep container in a cool, well-ventilated area. Sensitive to light. Store in light-resistant containers.

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. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ensure adequate ventilation, especially in confined areas.
Individual protection measures, such as personal protective equipment Eye/face protection	Wear safety glasses with side shields (or goggles) and a face shield. If contact is likely, safety glasses with side shields are recommended.
Skin protection Hand protection	For prolonged or repeated skin contact use suitable protective gloves.
Other	Wear suitable protective clothing. Use impervious gloves.

Title: Safety Data Sheet of ARIASOFT G



ARIA SHIMI RAYKA

Dept.: Health & Safety	Doc. Code: ASR-HS-SP-003-WI-F025	Issue / Revising Date:2022.07.21
Page No.: Page 3 of 4	Revision No.: 00	Exp. Date: 2024.07.21

Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White waxy powder
Physical state	Solid, Waxy flakes or powder
Odor:	mild fatty waxy
pH:	8-10 (10% in water)
Melting point/freezing point	50-60°C
Pour Point	-24°C
Initial boiling point and boiling range	>260°C(500°F)
Flash point	> 200.00 °F

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. Light sensitive.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use
Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials
Incompatible materials	Strong oxidizing agents. This product may react with strong alkalis.
Hazardous decomposition products	No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure Inhalation	No adverse effects due to inhalation are expected.
Skin contact	No adverse effects due to inhalation are expected.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Expected to be a low ingestion hazard.
Symptoms related to the physical, chemical and toxicological characteristics	Direct contact with eyes may cause temporary irritation.
Dermal LD50	>2000 mg/kg
Oral LD50	>5000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity	Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Persistence and degradability	Readily biodegradable.
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Title: Safety Data Sheet of ARIASOFT G

ARIA SHIMI RAYKA

Dept.: Health & Safety	Doc. Code: ASR-HS-SP-003-WI-F025	Issue / Revising Date:2022.07.21
Page No.: Page 4 of 4	Revision No.: 00	Exp. Date: 2024.07.21

13. DISPOSAL CONSIDERATIONS

Disposal instructions	Dispose of contents/container in accordance with 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.
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 to Annex II of MARPOL 73/78 and the IBC Code	Not available.

15. REGULATORY INFORMATION

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Sub pt. D)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Not listed.
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	yes
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.