1. Product and Company Identification

Material name	**Padapon AL-30**
Revision date	2-08-2020
Chemical class	Alkyl Sulfate
Manufacturer	Padideh Shimi Gharb Co. No.5.21rd St, Vozara St,Argentina Sq, Tehran, Iran +98-21-43413000

2. Hazards Identification

Emergency overview	May cause severe irritation to eyes and skin. May cause irritation of respiratory tract.
Potential health effects	
Eyes	Contact can cause moderate to severe irritation and possible injury to the eyes.
Skin	This product may be severely irritating to the skin
Inhalation	Inhalation of vapors or mists of the product may be irritating to the respiratory system.
Ingestion	Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

3. Composition / Information on Ingredients

Components	**Percent**
Ammonium lauryl sulfate	20 - 30
Water	68 - 80

4. First Aid Measures

First aid procedures	
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Skin contact	Remove and isolate contaminated clothing and shoes. Immediately flush skin with plenty of water. Get medical attention if irritation develops and persists. For minor skin contact, avoid spreading material on unaffected skin. Wash clothing separately before reuse.
Inhalation	Move to fresh air. Oxygen or artificial respiration if needed. Call a physician if symptoms develop or persist.
Ingestion	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center.
Notes to physician	Symptoms may be delayed.
General advice	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria. Not combustible by OSHA criteria.
Extinguishing media	
Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Protection of firefighters	
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Protective equipment and precautions for firefighters	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.

6. Accidental Release Measures

Personal precautions	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the MSDS.
Environmental precautions	Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.
Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Collect spillage. Prevent entry into waterways, sewer, basements or confined areas.
Methods for cleaning up	Ventilate the contaminated area. Extinguish all flames in the vicinity. Wear appropriate protective equipment and clothing during clean-up. Should not be released into the environment. Prevent product from entering drains. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Do not allow material to contaminate ground water system. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the

MSDS.

7. Handling and Storage

Handling	Do not breathe dust/fume/gas/mist/vapors/spray. Do not get this material in contact with eyes. Do not get this material in contact with skin. Do not get this material on clothing. Do not use in areas without adequate ventilation. Wear positive pressure self-contained breathing apparatus (SCBA). Wear personal protective equipment. Wash thoroughly after handling. Avoid release to the environment.
Storage	Store in a closed container away from incompatible materials. Store in a well-ventilated place. Keep container dry. Store away from incompatible materials (see Section 10 of the MSDS).

8. Exposure Controls / Personal Protection

Engineering controls	Ensure adequate ventilation, especially in confined areas. Eye wash facilities and emergency shower must be available when handling this product.
Personal protective equipment	
General	Use personal protective equipment as required.
Eye / face protection	Wear eye/face protection. Wear safety glasses with side shields (or goggles). Avoid contact with eyes
Skin protection	Wear appropriate chemical resistant clothing. Wear protective gloves.
Respiratory protection	Wear positive pressure self-contained breathing apparatus (SCBA).
General hygiene considerations	When using, do not eat, drink or smoke. 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 & Chemical Properties

Physical state	Liquid
Color	Colorless or light yellow
pH	5.5 – 7.5 (10% in H2O)
Flash point	> 201 °F (> 93.9 °C)
Flammability limits in air, upper, % by volume	NOT APPLICABLE.

10.Stability & Reactivity

Chemical stability	Material is stable under normal conditions.
Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	Upon decomposition, this product may yield sulfur dioxide and oxides of sulfur.
Possibility of hazardous	No dangerous reaction known under conditions of

reactions	normal use.

11.Toxicological Information

Toxicological data

Product	Test Results
Padapon AL-30	Acute Dermal LD50 Rabbit: > 2000 mg/kg Acute Oral LD50 Rat: 967 - 4000 mg/kg
Sensitization	Not classified.
Acute effects	Harmful if swallowed. May be harmful in contact with skin.
Local effects	Harmful if swallowed. Irritating to eyes.
Chronic effects	Prolonged inhalation may be harmful.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Skin corrosion/irritation	Causes skin irritation.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive effects	This product is not expected to cause reproductive or developmental effects.

12.Ecological Information

Ecotoxicological data

Product	Test Results
Padapon AL-30	EC50 Algae: > 20 mg/l 72 hours (Growth rate) EC50 Daphnia: 1.37 - 4.7 mg/l 48 hours LC50 Fish: 2.85 - 3.6 mg/l 96 hours
Persistence / degradability	Expected to be readily biodegradable.
Bioaccumulation / Accumulation	No data available.
Mobility in environmental media	No data available for this product.

13.Disposal Considerations

Waste codes	The waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal instructions	Dispose in accordance with all applicable regulations.
Waste from residues / unused products	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

Notes	Refer to bill of lading or container label for DOT or other transportation hazard classification, if any.

15.Regulatory Information

Reportable Quantity	Not available

16.Other Information

Recommended restrictions	For industrial use only.
HMIS® ratings	Health: 2 Flammability: 1 Physical hazard: 0 Personal protection: X
NFPA ratings	Health: 2 Flammability: 1 Instability: 0
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