1. Product and Company Identification

Material name	**Padapon TE-230**
Revision date	16-01-2017
Chemical class	Alkyl Sulfate
Cas Number	27028-82-6
Manufacturer	Padideh Shimi Gharb Co. No.5.21rd St, Vozara St,Argentina Sq, Tehran, Iran +98-21-43413000

2. Hazards Identification

Emergency overview	Causes serious eye damage. Causes skin irritation. May be harmful if swallowed.
Potential health effects	
Eyes	Contact may irritate or burn eyes. Eye contact may result in corneal injury.
Skin	May be harmful if absorbed through skin. Do not get this material in contact with skin
Inhalation	Inhalation may be harmful. Avoid breathing dust/fume/gas/mist/vapors/spray.
Ingestion	Components of the product may be absorbed into the body by ingestion. Do not ingest.

3. Composition / Information on Ingredients

Components	Percent
Triethanolamine Lauryl Ether (2 EO) Sulfate	20 - 30
Water	68 - 80

4. First Aid Measures

First aid procedures	
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.
Skin contact	Gently wash with plenty of soap and water.
Inhalation	Remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician if you feel unwell.

5. Fire Fighting Measures

Flammable properties	Not flammable by OSHA criteria. Not combustible by OSHA criteria. None known.
Extinguishing media	

Suitable extinguishing media	Powder, alcohol-resistant foam, water spray, carbon dioxide, sand.
Unsuitable extinguishing media	No information available.
Protection of firefighters	
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Protective equipment and precautions for firefighters	Use goggles in combination with dust mask, and another protections as appropriate to situation.
Specific methods	Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

6. Accidental Release Measures

Personal precautions	Use goggles and protective gloves. Large spills : Remove person to safety. Ensure adequate ventilation.
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 cleaning up	Small spills: Absorb spills with sand, inert absorbent, waste cloth or sawdust. Then wipe up remainder in waste cloth. Large spills: Dike spills and dispose of in safe area.

7. Handling and Storage

Handling	Use an adequate ventilation. Wash thoroughly after handling. Use personal protective equipment as required
Storage	Store locked up. Keep away from heat, sparks and open flame. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the MSDS). Keep away from food, drink and animal feedingstuffs.

8. Exposure Controls / Personal Protection

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. Eye wash facilities and emergency shower must be available when handling this product.
Personal protective equipment	
General	Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with

	the supplier of the personal protective equipment.
Eye / face protection	Wear safety glasses with side shields (or goggles) and a face shield.
Skin protection	Wear appropriate chemical resistant clothing. Chemical resistant gloves.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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	6.5 – 7.5 (10% in H_2O)
Flash point	NOT APPLICABLE.
Flammability limits in air, upper, % by volume	NOT APPLICABLE.
Specific gravity	1.04 (@25 C)

10.Stability & Reactivity

Chemical stability	Stable at normal conditions.
Conditions to avoid	Heat, flames and sparks. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	No information available
Hazardous decomposition products	No information available
Possibility of hazardous reactions	No information available

11.Toxicological Information

Sensitization	Not classified.
Acute effects	Not classified.
Local effects	Not classified.
Chronic effects	Not classified.
Carcinogenicity	Not classified.
Skin corrosion/irritation	Not classified.
Mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive effects	Not classified.
Symptoms and target organs	Not classified.

12.Ecological Information

Ecotoxicological data	
Ecotoxicity	Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Accumulation in aquatic organisms is expected.
Persistence / degradability	Biodegradation by BOD : 96.7% (21 days) (Data on sodium polyoxyethylene (3) C12-14 alkyl

	ether sulfate) Biodegradation by DOC : 94.8% (21 days) (Data on sodium polyoxyethylene (3) C12-14 alkyl ether sulfate)

13.Disposal Considerations

Disposal instructions	Dispose of waste in accordance with local,state and federal regulations

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	No information available

16.Other Information

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Issue date	05-12-2014