

## 1. Product and Company Identification

Material name	<b>PADAFIN PA-30</b>
Revision date	13-04-2019
Chemical class	Surfactant
Oil base	Natural
Manufacturer	Padideh Shimi Gharb Co. No.5.21rd St, Vozara St, Argentina Sq, Tehran, Iran +98-21-43413000

## 2. Hazards Identification

Physical hazards	Not classified.
Health hazards	
Acute toxicity, oral	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Label elements	



Environmental hazards	
Hazardous to the aquatic environment, acute hazard	Category 2
Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.
Signal word	Warning
Hazard statement	Harmful if swallowed. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.
Prevention	Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves. Wear eye/face protection.
Response	If swallowed: Call a poison center/doctor if you feel unwell. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment (see this label). Rinse mouth. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Store away from incompatible materials. Dispose of contents/container in accordance with local/regional/national/international regulations.
Storage	None known.
Disposal	
Hazard(s) not otherwise classified (HNOC)	
Supplemental information	Not applicable.

## 3. Composition / Information on Ingredients

Components	Percent
Water	50 - < 60

Sodium (C14-16) olefin sulfonate	20 - < 30
Alpha olefin (C14-16)	1 - < 3
Sodium sulfate	0 - 2
Other components below reportable levels	< 1

#### 4. First Aid Measures

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	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Ingestion	Rinse mouth. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
General information	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
Most important symptoms/effects, acute and delayed	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

#### 5. Fire Fighting Measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
General fire hazards	No unusual fire or explosion hazards noted
Specific methods	Use standard firefighting procedures and

Fire-fighting  
equipment/instructions

## 6. Accidental Release Measures

Personal precautions,  
protective equipment and  
emergency procedures

Environmental precautions

Methods and materials for  
containment and cleaning up

consider the hazards of other involved materials.

Move containers from fire area if you can do so without risk.

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

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.

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. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

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 SDS.

## 7. Handling and Storage

Precautions for safe handling

Do not taste or swallow. Avoid contact with skin. Avoid contact with eyes. Avoid prolonged exposure. Avoid contact with clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good

Conditions for safe storage,  
including any incompatibilities

industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Avoid release to the environment. Do not empty into drains. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure Controls / Personal Protection

Occupational exposure limits

No exposure limits noted for ingredient(s).

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. Eye wash facilities and emergency shower must be available when handling this product. Wear safety glasses with side shields (or goggles). Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves. In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary. 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.

Eye / face protection

Skin protection

Hand protection

Respiratory protection

Thermal hazards

General hygiene considerations

## 9. Physical & Chemical Properties

Appearance

Liquid.

Physical state

Liquid.

Form

Not available.

Color

Melting point/freezing point

19 °F (-7.2 °C)

Initial boiling point and boiling range

> 212 °F (> 100 °C)

Evaporation rate	Estimated slower than ethyl ether.
pH	8.0000 - 9.0000 (10% in water)
Pour point	25 °F (-3.9 °C)
Flash point	Not applicable
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not determined or unknown
Vapor density	Estimated heavier than air
Relative density	Not available
Solubility(ies)	Not available.
Solubility (water)	
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	< 500 cP @ 25C
Density	8.79 lb/gal @ 25C
Percent volatile	58 - 60 %
Specific gravity	1.0620

## 10.Stability & 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.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.

## 11.Toxicological Information

Information on likely routes of exposure	
Ingestion	Harmful if swallowed.
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Causes serious eye irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Respiratory or skin sensitization	This product is not expected to cause skin sensitization.
Respiratory sensitization	Not available.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Reproductive toxicity	This product is not expected to cause

Specific target organ toxicity -  
single exposure

Specific target organ toxicity -  
repeated exposure

Aspiration hazard

## 12. Ecological Information

Persistence / degradability

Bioaccumulation /

Accumulation

Mobility in soil

Other adverse effects

reproductive or developmental effects.  
Not classified.

Not classified.

Not applicable.

Readily biodegradable.

No data available.

No data available.

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal Considerations

Disposal instructions

Hazardous waste code

Waste from residues / unused  
products

Contaminated packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

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).

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

IATA

IMDG

Transport in bulk according to  
Annex II of MARPOL 73/78 and  
the IBC Code

## 15. Regulatory information

US federal regulations

Not regulated as dangerous goods.

Not regulated as dangerous goods.

Not regulated as dangerous goods.

Not available.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## 16. Other information, including date of preparation or last revision

NFPA ratings



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Revision Information

Product and Company Identification:  
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 Composition / Information on Ingredients:  
 Disclosure Overrides  
 Accidental release measures: Personal precautions, protective equipment and emergency procedures  
 Handling and storage: Precautions for safe handling  
 Physical & Chemical Properties: Multiple Properties  
 Other information, including date of preparation or last revision: Disclaimer



## Material Safety Data Sheet

FR-QC-14/Rev 00