



MATERIAL SAFETY DATA SHEET (MSDS)

| | | | |
|------------------------|-----------------------|-------------------------|-----------------|
| Product Name: | SOAPONIL IN | Document code: | PSJ-RD-FR-22-00 |
| Chemical name: | Sodium fatty soap | Revision number: | 00 |
| Chemical class: | Anionic (fatty soap) | Revision date: | |

COMPANY IDENTIFICATION

Manufacturer: PADIDEH SHIMI JAM CO.

Tell: +98 21 88580000

Address: No.16, Western Fourth Golbarg St., Baharestan St., Dadman Blvd., TEHRAN, IRAN

HAZARDS IDENTIFICATION

Potential health effects

Eyes: May cause moderate to severe irritation, with possibility of corneal injury if not removed promptly.

Skin: Repeated or prolonged exposure can result in defatting and drying of the skin which may result in irritation and dermatitis

Inhalation: Inhalation of vapors or mists of the product may be irritating to the respiratory system.

Ingestion: Large quantities may cause nausea, vomiting, abdominal pain, diarrhea, lethargy, headache, lightheadness, or atypical rash.

COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient Name | CAS Number | Percent |
|-----------------------------------|------------|-----------|
| Water | 7732-18-5 | Max. 13% |
| Total fatty acid | | Min. 87% |
| Free alkality (sodium hydroxide) | 1310-73-2 | Max. 0.1% |
| Unsaponifiable Matter | | Max. 0.1% |

FIRST AID MEASURES

Eyes

Immediately flush eyes with plenty of water for at least 15 minutes.If irritation persists get medical attention.

Skin

For skin contact flush with large amounts of water.Immediately take off all contaminated clothing. If irritation persists get medical attention.Wash clothing separately before reuse.

Inhalation

If symptoms are experienced, remove source of contamination or move victim to fresh air.If symptoms persist, get medical attention.If the affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen.Get medical attention immediately.

Ingestion

If ingestion of a large amount does occur, seek medical attention.Do NOT induce vomiting.

FIRE FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Protection of firefighters

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.





MATERIAL SAFETY DATA SHEET (MSDS)

| | | | |
|------------------------|-----------------------|-------------------------|-----------------|
| Product Name: | SOAPONIL IN | Document code: | PSJ-RD-FR-22-00 |
| Chemical name: | Sodium fatty soap | Revision number: | 00 |
| Chemical class: | Anionic (fatty soap) | Revision date: | |

ACCIDENTAL RELEASE MEASURES

Personal precautions

Isolate area. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering.

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Eliminate ignition sources including sources of electrical, static or frictional sparks.

Small Spills: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

Large Spills: Dike far ahead of liquid spill for later disposal

HANDLING AND STORAGE

Store away from incompatible substances. Observe all federal, state and local regulations when storing or disposing of this substance.

Avoid contact with incompatible substances and excessive heat.

EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls

Use general ventilation. Local exhaust is suggested for use, where possible, in enclosed or confined spaces.

Personal protective equipment

General

Eye: wash fountain and emergency showers are recommended.

Eye / face protection: Wear chemical goggles. Face-shield.

Skin protection: Wear suitable protective clothing. Use impervious gloves.

Respiratory protection: If ventilation is not sufficient to effectively prevent buildup of aerosols or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

PHYSICAL & CHEMICAL PROPERTIES

| | |
|-------------------------|---------------------|
| Appearance | Noodle shaped solid |
| Ionic Character | Anionic |
| Total fatty matter | Min. 87% |
| Free alkality | Max. 0.2% |
| Unsoaponificated matter | Max. 0.1% |
| Water | Max. 10 |

STABILITY & REACTIVITY

Chemical Stability

Stable at normal conditions.

Hazardous Decomposition products

No hazardous decomposition products known.

TOXICOLOGICAL INFORMATION

Toxicological data

| | |
|------------|-------------------|
| Components | Nodel shaped soap |
|------------|-------------------|

No Toxicological information available, but generally sodium soap of fatty acids is considered as practically nontoxic

| | |
|------------------------|---|
| Carcinogenicity | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA. |
| Mutagenicity | Not mutagenic in AMES Test. |





MATERIAL SAFETY DATA SHEET (MSDS)

| | | | |
|------------------------|-----------------------|-------------------------|-----------------|
| Product Name: | SOAPONIL IN | Document code: | PSJ-RD-FR-22-00 |
| Chemical name: | Sodium fatty soap | Revision number: | 00 |
| Chemical class: | Anionic (fatty soap) | Revision date: | |

ECOLOGICAL INFORMATION

The material is biodegradable.

DISPOSAL CONSIDERATIONS

Disposal Instructions

This product is not regarded as hazardous waste. And can be disposed through drainage system.

TRANSPORT INFORMATION

Notes

Not regulated since not classified as hazardous product.

REGULATORY INFORMATION

Reportable Quantity

There is no calculable reportable quantity (RQ) for this product.

| | |
|--|------|
| CERCLA (Superfund) reportable quantity | None |
| Superfund Amendments and Reauthorization Act of 1986 (SARA) | |
| Section 302 extremely hazardous substance | No |
| Section 311 hazardous chemical | No |

State regulations

| | |
|--|------------------|
| US - Pennsylvania RTK - Hazardous Substances | Listed substance |
|--|------------------|

OTHER INFORMATION

Disclaimer

Terms and Conditions. This MSDS is designed only as guidance for the products to which it applies. To the greatest extent permitted by applicable law, nothing contained herein creates any legal obligation including contractual obligations, expressed or implied warranties, including any warranties of merchantability or fitness for particular purpose; or confers any intellectual property rights, including rights to use trademarks or a license to use patents, issued or pending. The information contained herein is based on the manufacturer's own study and the work of others, and is subject to change at any time without further notice. There is no warranty, expressed or implied, as to the accuracy, completeness or adequacy of the information contained herein, and neither the provider nor the manufacturer (nor the agents, directors, officers, contractors or employees of either) are liable to any party for any damages of any nature, including direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of any information in this MSDS, or in any other way related (directly or indirectly) to this MSDS. The receipt and use of this information constitutes consent to these terms and conditions.

Issue date: 29 OCTOBER 2018

