



# MATERIAL SAFETY DATA SHEET (MSDS)

<b>Product Name:</b>	IRAMID PKD	<b>Document code:</b>	PSJ-RD-FR-22-00
<b>Chemical name:</b>	Palm Kernel Fatty Acid Diethanol Amide	<b>Revision number:</b>	00
<b>Chemical class:</b>	Alkanolamide	<b>Revision date:</b>	

## 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

### Emergency overview

Liquid, May cause severe irritation to eyes and skin.

### Potential health effects

**Eyes:** This product may cause irritation to the eyes. Repeated or prolonged contact may cause severe irritation, redness, blurred vision, and severe or permanent damage.

**Skin:** This product may cause irritation to the skin. Repeated or prolonged contact may cause severe irritation

**Inhalation:** Inhalation of dusts may cause respiratory irritation.

**Ingestion:** Acute ingestion may result in mild gastrointestinal distress.

HAZARD RATINGS	HMIS	NFPA
Health	2	2
Flammability	1	1
Reactivity	0	0
PPE	j	

## COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Palm Kernel fatty acid diethanolamide	73807-15-5	> 82 %
Diethanolamine (DEA)	111-42-2	4 % Max
Glycerin	56-81-5	10% Max

## FIRST AID MEASURES

### First aid procedures

#### Eye contact

Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.

#### Skin contact

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

#### Ingestion

If the material is swallowed, get immediate medical attention or advice.





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## FIRE FIGHTING MEASURES

### Flash Point

(93.33 °C), 201 F

### Extinguishing Media

Dry chemical, foam, carbon dioxide, water fog.

### Fire Fighting Equipment / Instructions

Firefighters should wear full fire-fighting turn-out gear (full Bunker gear) including NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

## ACCIDENTAL RELEASE MEASURES

### SPILL AND LEAK PROCEDURES

#### Emergency Action:

Isolate spill or leak area immediately. Keep unauthorized personnel away. Stay upwind.

Do not touch or walk through spilled material. Avoid the generation of dusts during clean-up. Wear appropriate personal protective equipment during cleanup. Small Dry Spill: With clean shovel place material into clean, dry container; move containers from spill area. Large Spills: Cover powder spill with plastic sheet or tarp to minimize spreading. Prevent entry into waterways, sewers, basements or confined areas.

## HANDLING AND STORAGE

### Handling

Avoid contact with skin and eyes. Avoid breathing dusts from this material. Wash thoroughly after work using soap and water. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

### Storage

Avoid freezing or excessive heat at 10 - 40°C. Avoid dispersion of dust in air. Keep the container tightly closed and in a cool, well-ventilated place.

## EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering controls

Use with adequate ventilation.

### Personal protective equipment

#### Eye / face protection

Wear chemical goggles; face shield (if splashing is possible).

#### Skin protection

Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. Use impervious gloves.

#### Respiratory protection

If irritation is experienced, a NIOSH-approved respirator should be worn. Ventilation and other forms of engineering controls are often the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations.

#### General

Eye wash fountain and emergency showers are recommended.





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## PHYSICAL & CHEMICAL PROPERTIES

Flash Point	(93.33 °C), > 200 F
Boiling Point	Not available
Specific Gravity	0.976 -0.99 (Water = 1)
Volatility	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Evaporation Rate	Estimated slower than ethyl ether.
Ionicity (in water)	Not available
Dispersion Properties	Not available
Solubility	Insoluble in cold water

## STABILITY & REACTIVITY

### Chemical Stability

Stable under normal conditions

### Conditions to Avoid

Keep away from heat, ignition sources and incompatible materials.

### Incompatibility

This product is incompatible with strong oxidizing agents,

### Hazardous Decomposition

Upon decomposition, this product may yield oxides of nitrogen and ammonia.

### Hazardous Polymerization

Will not occur

## TOXICOLOGICAL INFORMATION

### Toxicological data

#### LD50 Value

Oral LD50 (rat) = > 10000 mg/kg

## ECOLOGICAL INFORMATION

### Ecotoxicity

No data available on finished product.

### Environmental Fate

This product class is readily biodegradable.

## DISPOSAL CONSIDERATIONS

### Disposal instructions

Treatment, storage, transportation and disposal must be in accordance with applicable Federal, State/Provincial and Local regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator.

## TRANSPORT INFORMATION

### DOT Proper Shipping Name:

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

IMDG Not regulated

IATA Not regulated





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## REGULATORY INFORMATION

### Inventories

All components of this product are listed on the following inventories:

U.S.A.(TSCA), Canada(DSL), Europe(EINECS/ELINCS/Polymer/NLP), Australia(AICS), Korea(ECL), Philippines(PICCS)

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

## OTHER INFORMATION

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**Issue date:** 24 AUGUST 2021

