



MATERIAL SAFETY DATA SHEET (MSDS)

Product Name:	IRAPON 50	Document code:	PSJ-RD-FR-22-00
Chemical name:	Ethylene glycol monostearate/distearate	Revision number:	00
Chemical class:	Non Ionic (Glycol Ester)	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 conjunctival irritation accompanied by possible itching with tear formation.

Skin: Not expected to cause significant skin irritation.

Inhalation: Not expected to be a hazard under normal conditions of use.

Ingestion: Low order of acute oral toxicity.

Environmental Effects

Not expected to cause significant environmental impact

COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient Name	CAS Number	Percent
Ethylene glycol monostearate	111-60-4	50
Ethylene glycol distearate	627-83-8	50

FIRST AID MEASURES

First aid procedures

Eye contact

Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

Advice to Physicians Treat symptomatically.

Skin contact

Wash skin with soap and water. Remove contaminated clothing as washing proceeds.

Seek medical advice if irritation occurs. Contaminated clothing should be washed or dry-cleaned before re-use.

Inhalation

Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.

Ingestion

Wash out mouth with water. Keep warm and at rest. Obtain medical attention.

FIRE FIGHTING MEASURES

Extinguishing Media

Use water spray, foam, dry chemical or carbon dioxide.

Special Hazards of Product

Fumes containing carbon dioxide and carbon monoxide may be formed in large fires.

Protective Equipment for Fire- Fighting

Wear self-contained breathing apparatus.

ACCIDENTAL RELEASE MEASURES

Spillages: Transfer into suitable containers for recovery or disposal.

Personal Precautions: Wear appropriate protective clothing. See Section 8.

Environmental Precautions

Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.





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HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin and clothing.

Storage

Storage area should be: dry between 10-40° C.

Do not store close to strong oxidising agents which could aggravate any fire situation

EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standards

No occupational exposure limit listed in current editions of EH40 (UK Health and Safety Executive or Threshold Limit values (American Conference of Governmental Industrial Hygienists.)

Engineering controls

Engineering methods to prevent or control exposure are preferred. Methods include process or personnel enclosure, mechanical ventilation (dilution and local exhaust), and control of process conditions. If engineering controls and work practices are not effective in preventing or controlling exposure, then suitable personal protective equipment, which is known to perform satisfactorily, should be used. There should be local procedures for the selection, training, inspection and maintenance of this equipment. The following protection is recommended Wear impermeable safety footwear and industrial safety helmet.

Personal protective equipment

Hand Protection: PVC gloves.

Eye Protection : Safety Spectacles.

Body Protection : Protective overalls and safety shoes/boots.

Respiratory Protection: Respiratory protection not normally required.

PHYSICAL & CHEMICAL PROPERTIES

Physical State	Flakes
Colour	White
Odour	Characteristic
Melting point(°C)	54-61
Acid No	Max. 5
Solubility	not soluble in water, soluble in IPA, toluene
Moisture content	Max. 1.0%
Mono ester	Max. 25%
Total ester	Max. 99%
Ash	Max. 0.05%
Saponification value	180-195

STABILITY & REACTIVITY

Stability	Stable under normal conditions
Materials to Avoid	Strong oxidising agents
Hazardous Decomposition Products	Combustion will generate: oxides of carbon





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ECOLOGICAL INFORMATION

Ecological Overview

Not expected to cause significant environmental impact.

Mobility

The product is insoluble in water.

Persistence / Degradability

The rate of biodegradation will be governed by the low water solubility.

Ecotoxicity

The product is not expected to be classified as dangerous to aquatic organisms.

DISPOSAL CONSIDERATIONS

Product Disposal

When disposing of waste or surplus material avoid contact with the eyes and skin and inhalation. See Section 8 for personal protective equipment. Do not wash into drains. Do not mix with other waste materials. Seek advice from local waste authority or contact Huntsman Surface Sciences UK Limited for guidance. Dispose of in accordance with all applicable local and national regulations.

Container Disposal

Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Where practical, containers and packaging should be recycled by a licensed contractor.

TRANSPORT INFORMATION

Not classified as hazardous for transport

REGULATORY INFORMATION

Product not classified as dangerous for supply.

EINECS Number 292-932-1

OTHER INFORMATION

Uses and Restrictions

The uses of this product include the following :

Raw material for: Cleaning, washing agents Cosmetics, Toiletries

Disclaimer

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