

SAFETY DATA SHEET

ISOPROPYL PALMITATE (IPP NF)

1. PRODUCT INFORMATION AND COMPANY IDENTIFICATION

Product Name: Isopropyl Palmitate (IPP NF)

Company: Natural Bulk Supplies, 318 Half Day Rd, # 348,
Buffalo Grove, IL 60089 Phone: 847-489-7180

Emergency Contact: Infotrac: 800-535-5053(North America) +1-352-323-3500 (International)

2. HAZARD IDENTIFICATION

GHS Classification

This substance is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Label Elements

No risks worthy of mention

3. COMPOSITION/INFORMATION ON INGREDIENTS

INCI NAME	CAS NO.	CONCENTRATION (%)
Isopropyl Palmitate	142-91-6	> 99%

4. FIRST AID MEASURES

General Information

Get medical advice/attention if you feel unwell. Take off immediately all contaminated clothing.
Do not leave victim unattended.

Inhalation

Move victim out of danger zone. Provide fresh air.

Skin Contact

After contact with skin, wash immediately with plenty of water and soap.

Eye Contact

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

Ingestion

Seek medical advice. Caution if victim vomits: Risk of aspiration!

Most important symptoms and effects, both acute and delayed

No symptoms known up to now.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES**Suitable Extinguishing Media**

Foam. Dry extinguishing powder. Carbon dioxide (CO₂). Sand. Water spray.

Unsuitable Extinguishing Media

High power water jet.

Special Hazards

Can be released in case of fire: Pyrolysis products, toxic. Carbon dioxide (CO₂). Carbon monoxide.

Advice for firefighters

Wear a self-contained breathing apparatus and chemical resistant suit. Do not allow water used to extinguish fire to enter drains or waterways. In case of fire and/or explosion do not breathe fumes. Extinguishing materials should be selected according to the surrounding area.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Wear personal protection equipment. Wear respiratory protection when in the presence of vapour, dust, and aerosols.

Environmental Precautions

High slip hazard because of leaking or spilled product. Do not empty into drains or the aquatic environment. Retain contaminated washing water and dispose. Do not allow to enter into soil/subsoil.

Methods for clean-up and containment

Ensure waste is collected and contained. Treat the assimilated material according to the section on waste disposal. Absorbing material, organic. sand Remove mechanically, placing in

appropriate containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Avoid generation of dust.

Other Information

See protective measures under point 7 and 8.

7. HANDLING AND STORAGE

Safe Handling

Handling

It is recommended to organize all working processes in order to exclude the following: inhalation. Skin contact. Eye contact. Use only in well-ventilated areas.

Protection against fire and explosion

Keep away from sources of ignition - No smoking. Usual measures for fire prevention.

Further Information

Do not eat, drink, smoke or sneeze at the workplace.

Safe Storage

Storage

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Keep container tightly closed.

Storage Conditions

Keep the packing dry and well-sealed to prevent contamination and absorption of dampness.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Controls

Occupational exposure controls: In the case of the formation of dust, aerosol or mist generation.

Protective and Hygiene Measures

Do not eat, drink, smoke or sneeze at the workplace. Technical measures and the application of adequate working methods take priority over the use of personal protection equipment.

Avoid contact with skin, eye and clothing.

Respiratory Protection

Work in well ventilated zones or use proper respiratory protection.

Hand protection

Type of chemical protective gloves to choose depends on the concentration and quantity of dangerous substances as well as on work place specifications. When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code.

Eye protection

Tightly sealed safety glasses. Eye-shade.

Skin Protection

When handling chemical substances, chemical protective clothing with CE label (including a four digit code) must be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	colourless
Colour	liquid
Odour	odourless
Melting point	13,5 °C
Boiling point	@2mbar: 160 °C
Flash point	168 °C
Vapour pressure (at 20 °C)	<0,001 hPa
Density (at 20 °C)	0,85 g/cm ³
Partition coefficient	8,16

10. STABILITY AND REACTIVITY

Reactivity

Thermal decomposition can lead to the escape of irritating gases and vapours.

Incompatible Materials

Oxidizing agents, strong. Reducing agents, strong. Alkalis (alkalis), concentrated. acid, concentrated.

11. TOXICOLOGICAL INFORMATION

Toxicocinetics, metabolism and distribution
No information available.

Chemical Name	CAS No.	Route	Method	Dose	Species	Source
Isopropyl Palmitate	142-91-6	Oral	LD50 mg/kg	>5000	Mouse	-

Irritation

Not an irritant

Sensitizing Effects

No danger of sensitization.

Severe effects after repeated or prolonged exposure

No information available.

Carcinogenic /Mutagenic/ Toxic effects for reproduction

This substance does not meet the criteria for classification as CMR category 1 or 2.

Additional Information on tests

Repeated dose toxicity oral. NOAEL: 1000 mg/kg bw/day

12. ECOLOGICAL INFORMATION

Chemical Name

Isopropyl Palmitate (CAS No.: 142-91-6)

Aquatic Toxicity	Method	Dose	h	Species	Source
Acute Fish	LC50	>10000 mg/l	96	Brachydanio rerio (zebrafish)	-
Acute Algae	ErC50	>0,05 mg/l	72	Scenedesmus subspicatus	-
Acute Crustacea	EC50	>3000 mg/l	48	Daphnia magna	-

Persistence and Degradability

Product is biodegradable

Bioaccumulative Potential

Partition coefficient octanol/water

Log Pow: 8, 16

Further Information

Do not allow uncontrolled leakage of product into the environment.

13. DISPOSAL CONSIDERATIONS

Advice on disposal

Collect the waste separately. Handle contaminated packaging in the same way as the substance itself.

Contaminated Packaging

Hand over to officially registered waste disposal company

14. TRANSPORT INFORMATION

Land transport (ADR/RID)

Not a hazardous material with respect to these transportation regulations.

**Inland Waterways**

Not a hazardous material with respect to these transportation regulations.

Marine Transport

Not a hazardous material with respect to these transportation regulations.

Air Transport

Not a hazardous material with respect to these transportation regulations.

15. REGULATORY INFORMATION**EU Regulatory Information**

No information available.

National Regulatory Information

No information available.

Additional Information

No information available.

16. OTHER INFORMATION

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