



CHEMICON S.A. INDÚSTRIAS QUÍMICAS

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MATERIAL SAFETY DATA SHEET

IPPD

CAS # 101-72-4

1. Product Identifications

Product Name: IPPD
Chemical Name: N-isopropyl-N'-phenyl-p-phenylenediamine

2. Physical Description/Properties

Specific Gravity: 1.1
Melting Point (C° Min): 70
PH Value(1% in water) 9.3
Appearance: Dark Purple
Odor: Pungent
Solubility: Soluble in methylene chloride, acetone and ethyl acetate. Solubility in water 0.015kg/m³ @25°C
Volatiles % <0.1
Ash % <0.1

3. Hazard Information

Combustible dust

Keep away from heat, sparks and flame.
Eye irritant-Can cause redness, tearing and swelling.
Skin contact may cause allergic reaction.
Inhalation may cause upper respiratory irritation.
Harmful if swallowed

4. First Aid Information

Skin: Remove contaminated clothing and wash before re-use.
Immediately wash contaminated skin with running water.
Ingestion: Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention.
Eyes: Flush with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

5. Handling and Storage

Storage: Store in a dry well-ventilated area avoiding direct exposure to sunlight

Stability in storage: one year

6. Employee Protection Recommendations

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

7. Toxicological Information

Low toxicity

LD50 acute oral for rats: 900mg/kg

LD50 acute skin for rabbits: >7940 mg/kg

8. Fire and Explosion Data

Flash point: >150°C

Exposure standard limits: Not available

Flammable

Extinguish Media: Spray water, Carbon Dioxide, foam, sand or dry chemical.

9. Reactivity

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers, acids or caustic materials.

Hazardous products of decomposition: Oxides of nitrogen and carbon.

Conditions to avoid: May catch fire if heated above 100°C

10. Accidental Release and Disposal

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations. IPPD is a listed hazardous waste; empty containers may be regulated as a hazardous waste.

11. Transportation Information

DOT Status Not Regulated

Proper shipping name N-isopropyl-N'-phenyl-p-phenylenediamine

ADR Class 9

RID Class 9

UN/NA number UN3077

Hazard ID Number 90

12. Other Information

OSHA: Hazardous by definition of Hazard Communication

Standard(29CFR 1910.1200)

HMIS Classification Health 2 Flammability 1 Reactivity 0

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.