



## MATERIAL SAFETY DATA SHEET

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### 1-IODONAPHTHALENE, 97.5% (GC)

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#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**MSDS Name:** 1-IODONAPHTHALENE, 97.5% (GC)

**Catalog Numbers:**

21842-0000, 21842-0100, 21842-0500

**Synonyms:**

**Company Identification (Europe):** Acros Organics BVBA

Janssen Pharmaceuticaaan 3a

2440 Geel, Belgium

**Company Identification (USA):** Acros Organics

One Reagent Lane

Fairlawn, NJ 07410

For information in North America, call: 800-ACROS-01

For information in Europe, call: 0032(0) 14575211

For emergencies in the US, call CHEMTREC: 800-424-9300

For emergencies in Europe, call: 0032(0) 14575299

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#### SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

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CAS #	:	90-14-2
Chemical Name	:	1-IODONAPHTHALENE, 97.5% (GC)
%	:	97.5
EINECS#	:	201-968-9
Hazard Symbols	:	None Listed
Risk Phrases	:	None Listed

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#### SECTION 3 - HAZARDS IDENTIFICATION

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##### EMERGENCY OVERVIEW

The toxicological properties of this material have not been fully investigated. Light sensitive.

##### Potential Health Effects

**Eye:**

May cause eye irritation.

**Skin:**

May cause skin irritation.

**Ingestion:**

The toxicological properties of this substance have not been fully investigated. May be harmful if swallowed.

**Inhalation:**

May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

**Chronic:**

Not available.

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## SECTION 4 - FIRST AID MEASURES

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### Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

### Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

### Ingestion:

Get medical aid. Wash mouth out with water.

### Inhalation:

Remove from exposure and move to fresh air immediately. Get medical aid.

### Notes to Physician:

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## SECTION 5 - FIRE FIGHTING MEASURES

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### General Information:

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

### Extinguishing Media:

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

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

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**General Information:** Use proper personal protective equipment as indicated in Section 8.

### Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

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## SECTION 7 - HANDLING and STORAGE

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### Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

### Storage:

Store in a cool, dry place. Store in a tightly closed container.

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## SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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### Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

### Personal Protective Equipment

#### Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

**Skin:**

Wear appropriate protective gloves to prevent skin exposure.

**Clothing:**

Wear appropriate protective clothing to prevent skin exposure.

**Respirators:**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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Physical State: Clear liquid

Color: yellow - brown

Odor: Not available.

pH: Not available.

Vapor Pressure: Not available.

Viscosity: Not available.

Boiling Point: 163 - 165 deg C @ 15.00mm Hg

Freezing/Melting Point: Not available.

Autoignition Temperature: Not available.

Flash Point: > 110 deg C (> 230.00 deg F)

Explosion Limits, lower: Not available.

Explosion Limits, upper: Not available.

Decomposition Temperature:

Solubility in water:

Specific Gravity/Density: 1.7400g/cm<sup>3</sup>

Molecular Formula: C<sub>10</sub>H<sub>7</sub>I

Molecular Weight: 254.07

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**SECTION 10 - STABILITY AND REACTIVITY**

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**Chemical Stability:**

Not available.

**Conditions to Avoid:**

Incompatible materials, light.

**Incompatibilities with Other Materials:**

Strong oxidizing agents, strong bases.

**Hazardous Decomposition Products:**

Carbon monoxide, carbon dioxide, hydrogen iodide.

Hazardous Polymerization: Has not been reported.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

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**RTECS#:**

CAS# 90-14-2 unlisted.

**LD50/LC50:**

Not available.

**Carcinogenicity:**

1-iodonaphthalene, 97.5% (GC) -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.  
See actual entry in RTECS for complete information.

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## SECTION 12 - ECOLOGICAL INFORMATION

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Dispose of in a manner consistent with federal, state, and local regulations.

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## SECTION 14 - TRANSPORT INFORMATION

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### IATA

No information available.

### IMO

No information available.

### RID/ADR

No information available.

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## SECTION 15 - REGULATORY INFORMATION

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### European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 90-14-2: No information available.

**United Kingdom Occupational Exposure Limits**

**United Kingdom Maximum Exposure Limits**

### Canada

CAS# 90-14-2 is listed on Canada's NDSL List.

CAS# 90-14-2 is not listed on Canada's Ingredient Disclosure List.

**Exposure Limits**

### US FEDERAL

#### TSCA

CAS# 90-14-2 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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MSDS Creation Date: 7/16/1996 Revision #0 Date: Original.

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