

Material Safety Data Sheet

Version: 1
Revision Date: 4/20/2010
Print Date:

1. Product and Company Identification

| | |
|--------------------|--|
| Product Name | 1-(1H-indol-1-yl)ethanone, <i>N</i> -Acetyl Indole |
| Product Number | OBT 167 |
| CAS # | 576-15-8 |
| Company | Obiter Research, LLC 2809 Gemini Ct., Champaign, IL 61822 |
| Telephone | 1-217-359-1626 |
| Fax | 1-217-359-2567 |
| Emergency Phone No | Not a hazardous shipment |

2. Hazards Identification

Emergency Overview

OSHA Hazards: No known OSHA hazards

HMIS Classification

| | |
|-------------------|---|
| Health hazard: | 0 |
| Flammability: | 0 |
| Physical hazards: | 0 |

NFPA Rating

| | |
|--------------------|---|
| Health hazard: | 0 |
| Flammability: | 0 |
| Reactivity hazard: | 0 |

Potential Health Effects

| | |
|---------------|---|
| Inhalation: | May be harmful if inhaled. May cause respiratory tract irritation. |
| Ingestion: | May be harmful if swallowed. |
| Skin Contact: | May be harmful is absorbed through the skin. May cause skin irritation. |
| Eye Contact: | May cause eye irritation. |

3. Composition/Information on ingredients

Synonyms 1-Acetylindole
Formula $C_{10}H_9NO$
Molecular Weight 159.18

| CAS # | EC # | Index # | Concentration |
|--|-----------|---------|---------------|
| 1-(1H-indol-1-yl)ethanone, <i>N</i> -Acetyl Indole | | | |
| 576-15-8 | 209-396-1 | | |

4. First Aid Measures

Inhalation Remove from exposure to fresh air immediately. If not breathing, give artificial respiration.

Ingestion Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Skin Contact Get medical aid. Flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

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

5. Fire Fighting Measures

Flashpoint

>113 °C (>235.4 °F) – closed cup

Ignition temperature

Not available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Protective equipment

Wear a self-contained breathing apparatus for firefighting if necessary

6. Accidental Release Measures

Personal precautions

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

Environmental precautions

Do not let product enter drains.

Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

7. Handling and Storage

Precautions for safe handling

Normal measures for preventive fire protection.

Conditions for safe storage

Store in a tightly closed container in dry and well-ventilated place.

Store and handle under inert gas.

Recommended storage temperature: 2 – 8 °C

8. Exposure Controls/Personal Protection

Contains no substances with occupational exposure limit values.

Engineering controls

Not available

Personal protective equipment

Respirator: Use respirators and components tested and approved under appropriate government standards such as NIOSH(US) or CEN(EU). Respirator protection is not required. Where protection is desired, use multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges.

Hand: Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing: Choose protective clothing to minimize contact with skin according to the amount and concentration of the dangerous substance at the work place.

Eye Protection: safety glasses with side-shields conforming to EN166.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

| | |
|---|---|
| Appearance: | liquid, free-flowing |
| Odor: | Not available |
| Odor threshold: | Not available |
| pH: | Not available |
| Freezing point/melting point: | Not available |
| Initial Boiling Point and boiling range: | 123-125 °C (253-257 °F) at 11hPa (8 mmHg) |
| Flash point: | >113 °C (>235.4 °F) |
| Evaporation Rate: | Not available |
| Flammability (solid, gas); | Not available |
| Upper/lower flammability/explosive limits: | Not available |

| | |
|-----------------------------------|---------------------------|
| Vapor Pressure: | Not available |
| Vapor Density: | Not available |
| Density: | 1.387 g/mL at 25° (77 °F) |
| Solubility: | Not available |
| Partition coefficient: | Not available |
| Auto-ignition temperature: | Not available |
| Decomposition Temperature: | Not available |
| Viscosity: | Not available |

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Hazardous reactions: Vapors may form explosive mixture with air.

Conditions to avoid: Not available

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: formed under fire conditions – Carbon oxides, nitrogen oxides (NOx)

11. Toxicological Information

Acute toxicity: No data available

Chronic exposure

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Potential Health Effects

| | |
|---------------|---|
| Inhalation: | May be harmful if inhaled. May cause respiratory tract irritation. |
| Ingestion: | May be harmful if swallowed. |
| Skin Contact: | May be harmful is absorbed through the skin. May cause skin irritation. |
| Eye Contact: | May causes eye irritation. |

12. Ecological Information

No data available

13. Disposal Considerations

Observe all federal, state and local environmental requirements. Contact a licensed professional waste disposal service to dispose of this material. Dispose of unused product.

14. Transport Information

DOT

Not dangerous goods

IATA

Not dangerous goods

15. Regulatory Information

OSHA: No known OSHA hazards

DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

1-Acetyl-1H-indole CAS No.: 576-15-8

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right to Know Components

No components are subject to the Massachusetts Right to Know Act

Pennsylvania Right to Know Components

1-Acetyl-1H-indole CAS No.: 576-15-8

New Jersey Right to Know Components

1-Acetyl-1H-indole CAS No.: 576-15-8

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

16. Other Information

Label Hazard Warning: none

Product Use: For R & D use only. Not for drug, household or other uses.

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