



## MATERIAL SAFETY DATA SHEET

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### SECTION 1: PRODUCT IDENTIFICATION

Catalog No.: U010  
Product Name: *n*-Undecyl-d 23 Alcohol  
CAS No.: 349553-88-4

### SECTION 2: CHEMICAL INFORMATION (UNLABELLED)

Chemical Name: *n*-UNDECYL ALCOHOL  
CAS No.: 112-42-5  
Synonyms: 1-Undecanol; Hendecyl Alcohol

### SECTION 3: HAZARDS IDENTIFICATION

Known Hazards: IRRITANT

### SECTION 4: FIRST AID MEASURES

Skin Contact: Wash with water.  
Ingestion: Medical assistance for gastric lavage.  
Inhalation: Remove to fresh air, artificial respiration or oxygen if necessary.

### SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Carbon dioxide, dry chemical powder, foam, water.  
Special Fire Fighting Equipment: Wear a self-contained breathing apparatus and protective clothing.  
Unusual Fire and Explosion Hazards: None indicated.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves.  
Spill Clean-up Methods: Provide adequate ventilation. Carefully absorb on vermiculite and transfer to a closed container.

### SECTION 7: HANDLING AND STORAGE

Usage/Handling Precautions: Fumehood  
Storage Conditions: Adequate ventilation.

### SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Respiratory Protection: Self-contained breathing apparatus or chemical cartridge.  
Hand Protection: Chemical-resistant gloves, solvent-resistant gloves.  
Eye Protection: Wear safety goggles.  
Other Protective Equipment: Protective clothing.  
Other Protective Measures: Provide safety showers and eyewash station near workplace.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless liquid



**Boiling Point (°C):** 248-250  
**Density:** 0.831  
**Melting Point (°C):** 11  
**Volatiles (%):** < 1  
**Water Solubility (%):** < 1  
**Flash Point (°C):** 127  
**Autoignition Temperature (°C):** Not available.

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#### SECTION 10: STABILITY AND REACTIVITY

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**Stability:** Stable.  
**Incompatibility (Materials to Avoid):** Strong acids. Strong oxidizing agents.  
**Hazardous Decomposition Products:** CO/CO<sub>2</sub> on combustion.

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#### SECTION 11: TOXICOLOGICAL INFORMATION

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**Acute and Chronic Health Hazards:**  
50  
**Oral LD**  
3000 mg/kg (rat)  
**TLV:** None verified.  
**Effects of Overexposure:** Irritant (eyes, respiratory, skin).

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#### SECTION 12: ECOLOGICAL INFORMATION

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Data not yet available.

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#### SECTION 13: DISPOSAL CONSIDERATIONS

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**Disposal Procedures:** Via licensed disposal company. Dispose of according to federal and local regulations.

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#### SECTION 14: TRANSPORT INFORMATION

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Contact C/D/N Isotopes Inc.

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#### SECTION 15: REGULATORY INFORMATION

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TLV: None verified.

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#### SECTION 16: OTHER INFORMATION

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This product is not radioactive. The data given for this product are those of the corresponding unlabelled product indicated in Section 2, unless specifically indicated otherwise. Safety data for the labelled compounds are generally unavailable but the hazards and properties are assumed to be similar or identical to those of the unlabelled compounds.