



## Material Safety Data Sheet

### 1. Product and Company Identification

Catalog Numbers: 7A1D-0  
 Product Name  
 Trade Name: tert-Butyl isocynoacetate  
 Synonyms: -  
 Manufacturer & Distributor  
 Company Name: Reagent World, Inc.  
 Address: 2048 E. Francis Street  
 City: Ontario  
 State: California  
 Postal Code: 91761  
 Country: USA  
 Business/Emergency  
 Phone: 909-947-7779  
 Fax: 909-947-9595  
 URL: <http://www.ReagentWorld.com>

### 2. Hazards Identification

Emergency Overview: Harmful. Harmful by inhalation and if swallowed. Combustible liquid.  
 Potential Health Effects  
 Eye: -  
 Skin: -  
 Ingestion: -  
 Inhalation: -  
 Chronic: -

### 3. Composition/Information on Ingredients

Chemical Name: 95%tert-Butyl isocynoacetate  
 Molecular Formula: C7H11NO2  
 Molecular Weight: 141.17  
 Content: 95%  
 CAS Number: 2769-72-4  
 EINECS NO. [EC No]: -

### 4. First Aid Measures

Eye: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.  
 Skin: In case of contact, immediately wash skin with soap and copious amounts of water.  
 Ingestion: If swallowed, wash out mouth with water provided person is conscious. Call a physician.  
 Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

### 5. Fire Fighting Measures

General Information: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.  
 Extinguishing: Suitable: For small (incipient) fires, use media such as "alcohol" foam, dry chemical, or carbon dioxide. For large fires, apply water from as far as possible. Use very large quantities (flooding) of water applied as a mist or spray; solid streams of water may be ineffective. Cool all affected containers with flooding quantities of water.

### 6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.  
 Spills/Leaks: Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

### 7. Handling and Storage

Handling: Refer to section 8  
 Storage: 1. Keep in a cool, dry place  
 2. Keep container tightly closed  
 3. Store below -20 °C  
 4. Keep away from heat, sparks, and flame

### 8. Exposure Controls/Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash and a safety shower facility.  
 Personal Protective Equipment  
 Eyes: Wear chemical safety goggles.  
 Skin: Wear appropriate protective gloves.  
 Clothing: Wear appropriate protective clothing.  
 Respirators: Wear NIOSH/MSHA - approved respirator

### 9. Physical and Chemical Properties

Physical State: Clear liquid  
 Color: Very deep brown-yellow  
 Odor: -  
 Boiling Point: 50 /0.1 mm Hg  
 Melting Point : -  
 Vapor Pressure : -  
 Specific Gravity : 0.97  
 PH: -  
 Solubility in Water : -  
 Flash Point: -  
 Autoignition Temperature : -  
 Decomposition Temperature : -

### 10. Stability and Reactivity

Chemical Stability: -

Conditions to Avoid:	Light sensitive.
Incompatibilities with Other:	Acids, Oxidizing agents.
Hazardous Decomposition Products :	Carbon monoxide, Carbon dioxide, Nitrogen oxides.
Polymerization :	Will not occur
<b>11. Toxicological Information</b>	
RTECS#:	-
Toxicity Data[LD50/LC50]:	-
Carcinogenicity:	-
Other:	-
<b>12. Ecological Information</b>	
Ecotoxicity:	-
Other:	-
<b>13. Disposal Considerations</b>	
Disposal considerations:	Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations
<b>14. Transport Information</b>	
Shipping Name:	Toxic, liquids, organic, n.o.s.
Hazard Class:	6.1
UN Number:	2810
Packing Group:	II
<b>15. Regulatory Information</b>	
European/International Regulations:	-
European Labeling in Accordance with EC Directives	
Hazard Symbols:	1.Xn
R-Phrases:	1.Harmful by inhalation. 2.Harmful if swallowed.
S-Phrases:	1.Do not breathe gas/fumes/vapour/spray. 2.Avoid contact with skin. S24/25 Avoid contact with skin and eyes. 3.Avoid contact with eyes.
WGK(Water Danger/Protection):	3
US Federal TSCA:	-
<b>16. Other Information</b>	
Other information:	The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential of exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.

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