

**MATERIAL SAFETY DATA SHEET****SECTION 1-PRODUCT AND COMPANY INFORMATION**

PRODUCT NAME:	n-Octadecanal
Catalog Number:	18-ECA
DATE OF PREPARATION:	12/31/2015(MM/DD/YYYY)

**COMPANY:**

BTCPHARM (Haimen) Technology Co.Ltd  
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**SECTION 2-COMPOSITION/DATA COMPONENTS**

Chemical Name:	n-Octadecanal
CAS NO.:	638-66-4
Molecular Formula:	C <sub>18</sub> H <sub>36</sub> O
Molecular Weight:	268.48
Appearance:	White solid

**SECTION 3-HAZARDS IDENTIFICATION**

**Ingestion:** The toxicological properties of this substance have not been fully investigated.

**Inhalation:** The toxicological properties of this substance have not been fully investigated.

**Skin:** No information regarding skin irritation and other potential effects was found.

**Eyes:** No information regarding eye irritation and other potential effects was found. May cause eye irritation.

**SECTION 4-FIRST AID MEASURES**

**Ingestion:** If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid immediately.

**Inhalation:** Remove from exposure to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

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

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

**SECTION 5-FIRE FIGHTING MEASURES**

**Fire Fighting:** Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or

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equivalent), and full protective gear.

**Extinguishing media:** Do NOT use water directly on fire. Use foam, dry chemical, or carbon dioxide.

**Fire Potential:** Non-combustible, substance itself does not burn but may decompose upon heating to produce corrosive and/or toxic fumes.

#### SECTION 6-Accidental Release Measures

**Small spills/leaks:** Absorb spill with inert material, (e.g., dry sand or earth), then place into a chemical waste container. Remove all sources of ignition.

#### SECTION 7-Handling and Storage

**Handling:** Wash thoroughly after handling. Use only in a well ventilated area. Ground and bond containers when transferring material. Avoid contact with eyes, skin, and clothing. Avoid ingestion and inhalation.

**Storage:** Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Refrigerator/flammables. Store below 20°C.

#### SECTION 8-Exposure Controls/Personal Protection

**Personal Protection:** 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 29CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

#### SECTION 9-Physical/Chemical Properties

**Appearance:** White solid

**Density:** 1.316 g/cm<sup>3</sup>

**Usage:** Fluorinating agent.

**Refractive Index:** 1.4125 (20°C)

#### SECTION 10-Stability and Reactivity

**Stability:** Stable under pressures and below 20°C