

**Section 1 - PRODUCT AND COMPANY IDENTIFICATION**

**Product Name: Cycluc-1 Sodium Salt**

**Catalog Code: AOB - 6377**

**CAS No:**1247879-16-8 (free acid form)

**Supplier:** AOBIOUS, INC  
9 Blackburn Drive  
Gloucester, MA 01930, USA

**Website:** [www.aobious.com](http://www.aobious.com)  
**Email:** [info@aobious.com](mailto:info@aobious.com)  
**Telephone:** (508) 306-0930

**Section 2 - COMPOSITION/INFORMATION ON COMPONENTS**

**Product Chemical Name & Synonyms:**

Sodium (4S)-2-(6,7-dihydro-5H-thiazolo[4,5-f]indol-2-yl)-4,5-dihydro-thiazole-4-carboxylate

**Molecular Weight:** C<sub>13</sub>H<sub>10</sub>N<sub>3</sub>NaO<sub>2</sub>S<sub>2</sub>

**Molecular Weight:** 327.36 g/mol

**Section 3 - HAZARDS IDENTIFICATION**

Harmful by ingestion.

Toxic.

Contains a pharmaceutically active ingredient.

Handling should only be performed by personnel trained and familiar with handling of potent active pharmaceutical ingredients.

Moderate to severe irritant to the skin and eyes

**Emergency Overview:**

**OSHA Hazards**

Target Organ Effect, Teratogen

**Target Organs**

Bone marrow

**GHS classification**

**Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP] N/A**

**GHS Label elements, including precautionary statements**

Pictogram



Signal word

Warning

#### **Section 4 - FIRST AID MEASURES**

**After Inhalation:** If inhaled, remove to fresh air; if breathing is difficult, give oxygen; if breathing stops, give artificial respiration

**After skin contact:** flush with copious amounts of water; remove contaminated clothing and shoes; call a physician

**After eye contact:** check for and remove contact lenses and flush with copious amounts of water; assure adequate flushing by separating the eyelids with fingers; call a physician

**After swallowing:** if swallowed, wash out mouth with copious amounts of water; call a physician

#### **Section 5 - FIREFIGHTING MEASURES**

**Suitable extinguishing agents:** carbon dioxide, dry chemical powder or foam

**Protective equipment:** wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

**Unusual fire hazard:** emits toxic fumes such as carbon monoxide, etc.

#### **Section 6 - ACCIDENTAL RELEASE MEASURES**

**Person-related safety precautions:** cordon off area of spill; wear self-contained breathing apparatus, protective clothing and heavy rubber gloves

**Measures for cleaning/collecting:** absorb solutions with finely- powdered liquid-binding material (diatomite, universal binders); decontaminate surfaces and equipment by scrubbing with alcohol; dispose of contaminated material according to Section 13

#### **Section 7 - HANDLING AND STORAGE**

**Information for safe handling:** avoid inhalation and contact with skin, eyes and clothing; material may be an irritant

**Storage:** store solid and solutions at -20°C

#### **Section 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Breathing equipment:** NIOSH/MSHA-approved respirator

**Protection of hands:** chemical-resistant rubber gloves

**Eye protection:** chemical safety goggles

#### **Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

##### **Appearance**

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9 Blackburn Drive, Gloucester, MA 01930

Phone US: (508) 306-0937

Website: [www.aobious.com](http://www.aobious.com)

Email: [info@aobious.com](mailto:info@aobious.com)

Revision Date 04/27/2014

Form: Solid

Color: Beige

**Safety data**

pH: no data available

Melting point/freezing point: no data available

Boiling point: no data available

Flash point: no data available

Ignition temperature: no data available

Auto ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Vapor pressure: no data available

Density: no data available

Water solubility: DMSO

**Section 10 - STABILITY AND REACTIVITY**

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: no data available

Conditions to avoid: no data available

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. -

Carbon oxides, nitrogen oxides (NO<sub>x</sub>)

Other decomposition products: no data available

**Section 11 - TOXICOLOGICAL INFORMATION**

Acute toxicity: no data available

Primary irritant effect: no data available

On the skin: no data available

On the eye: no data available; may be an irritant

**Section 12 - ECOLOGICAL INFORMATION**

no data available

**Section 13 - DISPOSAL CONSIDERATIONS**

Product: Offer surplus and non-recyclable solutions to a licensed disposal company. Contaminated packaging: Dispose of as unused product.

**Section 14 - TRANSPORT INFORMATION**

DOT (US): Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

**Section 15 - REGULATORY INFORMATION**

OSHA Hazards: Harmful by ingestion.

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

SARA 313 Components: 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: Acute Health Hazards

Massachusetts Right To Know Components: No components are subject to the Massachusetts Right to Know Act.

**Section 16 - OTHER INFORMATION**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Gl maxx Laboratories shall not be held liable for any damage resulting from handling or from contact with the above product.