

**Last Revision Date: 12/02/2011**

**SECTION 1 - CHEMICAL PRODUCT and COMPANY IDENTIFICATION**

Catalog Number: NG-14700  
Description: Alloxantin  
Other Names: 5,5'-Dihydrozy-5,5'-bibarbituric acid

Supplied by CHEM SERVICE, Inc. PO BOX 599, WEST CHESTER, PA 19381 (610)-692-3026  
EMERGENCY PHONE: 1-610-692-3026

**SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS**

CAS: 76-24-4  
Description: Alloxantin  
EINECS No:  
Hazard Symbols: N/A  
Molecular Weight:  
Molecular Formula:

**SECTION 3 - HAZARDS IDENTIFICATION**

Contact lenses should not be worn in the laboratory  
May be harmful if absorbed through the skin.  
Can cause eye irritation.  
Can cause skin irritation.  
May be harmful if inhaled.  
Can cause delayed adverse health effects.  
May be harmful if swallowed.  
May be fatal if swallowed!  
Overall chemical, physical and toxic data has not been thoroughly investigated.

**SECTION 4 - FIRST AID MEASURES**

An antidote is a substance intended to counteract the effect of a poison. It should be administered only by a physician or trained emergency personnel. Medical advice can be obtained from a POISON CONTROL CENTER.

In case of contact: Flush eyes continuously with water for 15-20 minutes. Flush skin with water for 15-20 minutes.  
If no burns have occurred-use soap and water to cleanse skin.  
If inhaled remove patient to fresh air. Administer oxygen if patient is having difficulty breathing.  
If patient has stopped breathing administer artificial respirations.  
If patient is in cardiac arrest administer CPR.  
Continue life supporting measures until medical assistance has arrived.

**SECTION 5 - FIRE AND EXPLOSION DATA**

<u>Flash Point:</u>	<u>Extinguishing Media:</u>
Not Available	Carbon dioxide, dry chemical powder or spray.

Upper Explosion Limit:  
N/A

Lower Explosion Limit:  
N/A

Auto Ignition:  
N/A

NFPA Hazard Rating:  
Health

Flammability

Reactivity

Special

0 - Least, 1 - Slight, 2 - Moderate, 3 - High, 4 - Severe

**SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Spills or leaks: Evacuate area. Wear appropriate OSHA regulated equipment. Ventilate area.  
Absorb on vermiculite or similar material.  
Sweep up and place in an appropriate container.  
Hold for disposal.  
Wash contaminated surfaces to remove any residues.  
Remove contaminated clothing and wash before reuse.

**SECTION 7 - HANDLING AND STORAGE**

**Handling:**

This chemical should be handled only in a hood. Eye shields should be worn.  
Use appropriate OSHA/MSHA approved safety equipment.  
Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation  
Wash thoroughly after handling.

**Storage:**

STORE UNDER PRESSURE.  
Store in a cool dry place. Store only with compatible chemicals. Keep tightly closed.

**SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

OSHA PEL (TWA):  
N/A

ACGIH TLV (TWA):  
N/A

ACGIH TLV (STEL):  
N/A

Personal Protective Equipment  
Eyes: Wear Safety Glasses.  
Skin: Wear appropriate protective gloves to prevent skin exposure.  
Clothing: Wear appropriate protective clothing to minimize contact with skin.  
Respirators: A respiratory protection program that meets OSHA's 29 CFR 1910.134 requirements must be followed whenever workplace conditions warrant a respirator's use.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Color: **Purple**  
Phase: **Crystalline solid**  
Melting Point: **250d C**  
Boiling Point: **253 C**  
Specific Gravity: **N/A**  
Vapor Density: **N/A**  
Vapor Pressure: **N/A**  
Solubility in water: **Slightly soluble**  
Odor: **N/A**  
Evaporation Rate: **N/A**



**SECTION 16 - OTHER INFORMATION**

The above information is believed to be correct on the date it was last revised and must not be considered all inclusive. The information has been obtained only by a search of available literature and is only a guide for handling the chemicals. OSHA regulations require that if other hazards become evident, an upgraded MSDS must be made available to the employee within three months. RESPONSIBILITY for updates lies with the employer and not with CHEM SERVICE, Inc.

Persons not specifically and properly trained should not handle this chemical or its container. This product is furnished FOR LABORATORY USE ONLY! Our products may NOT BE USED as drugs, cosmetics, agricultural or pesticide products, food additives or as household chemicals.

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