# Material Safety Data Sheet

**Section 1: Chemical Product and Company Identification**

Cat#: 25131

Part Name: ALDICARB SULFONE-[13C3 2H3]

Supplier: Polysciences, Inc.
400 Valley Road
Warrington, PA 18976
Telephone #215-343-6484

**Section 2: Composition/ Information on Ingredients**

| Item# | Name | CAS# | % in product |
|---|---|---|---|
| 1 | Aldoxycarb | 001646884 | 100 |

**Section 3: Hazards Identification**

Highly toxic if inhaled.

Highly toxic if swallowed.

Keep out of waterways.

Toxic if absorbed through skin.

Toxic to fish and other water organisms.

Hazard Ratings:
These ratings are Polysciences' Inc. own assesments of the properties of the material using the ANSI/NFPA 704 Standard.
Additional information can be found by consulting in the NFPA published ratings lists (List 325 and List 49).

If no data is listed the information is not available.

| Health | Flammability | Reactivity |
|---|---|---|
| 3 | 0 | 0 |

**Section 4: First Aid Measures**

Begin rescue breathing if necessary and contact medical personnel.

Contact medical personnel.

Flush eyes with flowing water for at least 15 minutes.

If breathing is difficult, contact emergency personnel.

If swallowed, wash out mouth with water if person is conscious.

Remove to fresh air.

Wash skin with deluge of water for at least 15 minutes.

**Section 5: Fire Fighting Measures**

Flash point, deg F.: no data                    Method: no data

UEL: no data          LEL: no data                    Autoignition temperature, deg. F.: no data

Flammability Classification: no data                    Flame Propagation Rate: no data

Hazardous Combustion Products: no data

**Section 6: Accidental Release Measures**

Any information listed below is to be considered in addition to internal guidelines for isolation of spill, containment of spill, removal of ignition sources from immediate area, and collection for disposal of spill by trained, properly protected clean up personnel.

Protect personnel from exposure.

Sweep up solids.

Use appropriate personal protective equipment.

Ventilate the area.

**Section 7: Handling and Storage**

Keep away from light.

Store at -20 deg. C.

Store in a tightly closed container.

**Section 8: Exposure Controls/ Personal Protection**

The use of eye protection in the form of safety glasses with side shields and the use of skin protection for hands in the form of gloves are considered minimum and non-discretionary in work places and laboratories. Any recommended personal protection equipment or environmental equipment is to be considered as additional to safety glasses and gloves.

Use chemical splash goggles and face shield.

Use latex or equivalent gloves.

Use process enclosures, local exhaust ventilation, or other engineering controls.

## Section 9: Physical and Chemical Properties

| | | | |
|---|---|---|---|
| Formula: | C7H14N2O4S | vapor pressure: | no data |
| Formula Weight: | 222.26 | vapor density: | no data |
| boiling point: | no data | Specific gravity: | 0 |
| melting point: | no data | ph: | no data |
| solubility: | no data | appearance: solid | |

## Section 10: Stability and Reactivity

Chemical Stabilit   stable

Conditions to Avoid:   light

Incompatibility with other materials:   strong oxidizing agents

Hazardous Decomposition Products:   no data

Hazardous  Polymerization:  will not occur

## Section 11:Toxicological Information

Acute Data: LD50 dermal (rabbit) - 200 mg/kg; LC50 inhalation (rat) - 4h - 140 mg/m3

Subchronic data:  no data

## Section 12: Ecological Information

LC50 - Lepomis macrochirus - 53 mg/l - 96h

## Section 13: Disposal Considerations

The following chart lists the status of the chemical and its components in reference  to 40 CFR Part 261.33.  If the product is listed by code number the substance may be subject to special federal and state disposal regulations. If no codes are listed the material must be disposed in compliance with all Federal, State and Local Regulations.

| CAS# | Waste Code | Regulated Name |
|---|---|---|
| 001646884 | P203 | Proponal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime |

## Section 14: Transportation Data

Refer to bill of lading or container label for DOT or other transportation hazard classification , if any.

## Section 15: Regulatory Information

Prop 65 -  Column A identifies those items which are known to the State of California to cause cancer.  Column B identified items which are known to the State of California to cause reproductive toxicity.

| CAS# | Column A | Column B |
|---|---|---|

State Regulatory Information :If a CAS# is listed below this material is subject to the listed state right-to-know requirements.

CAS#

SARA Toxic Release Chemicals(as defined in Section 313 of SARA Title III)
This list identifies the toxic chemicals, including their de minimis concentrations for which reporting is required under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA). The list is also referred to as the Toxics Release Inventory (TRI) List.

| CAS# | Regulated name | de minimis conc. % | Rep. Thres. |
|---|---|---|---|

SARA Extremely Hazardous Substances and TPQs
This list includes hazardous chemicals as defined in 29 CFR 1910.1200(c); and extremely hazardous substances regulated under Section 302 of SARA Title III with their TPQs (in pounds), as listed in 40 CFR 355, Appendices A and B.

| CAS# | Regulated name | TPQ (pounds) | EHS-RQ(pounds) |
|---|---|---|---|

CERCLA
The hazardous substances, and their reportable quantities (RQs) are listed in the federal regulations at 40 CFR Part 302, Table 302.4. Release of a CERCLA hazardous substance in an amount equal to or greater than its RQ, in any 24-hour period, must be reported to the National Response Center at (800) 424-8802.

| CAS# | Regulated name | RQ (pounds) |
|---|---|---|

## Section 16: Other Information

END OF MSDS