

Safety Data Sheet (United States)

4,5,6,7-Tetrahydro-5(1h)-indazolone

1. Identification

Product name: 4,5,6,7-Tetrahydro-5(1h)-indazolone
Catalog#: 4459DM
IUPAC name: 1,4,6,7-tetrahydroindazol-5-one
Product use restrictions: Only for research and development use by, or directly under the supervision of, a technically qualified individual.
Company: AK Scientific, Inc.
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Union City, CA 94587
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Website: www.aksci.com
Emergency contact number: 1-800-633-8253 United States & Canada
1-801-629-0667 International

2. Hazard Identification:**GHS Classification (United States)**

Skin irritation (Category 2)

Eye irritation (Category 2A)

Specific target organ toxicity - single exposure (Category 3), Respiratory system

Pictogram(s)**Signal word:**

Warning

Hazard statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statement(s):

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
P264 Wash skin thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a poison center or doctor if you feel unwell.
P321 Specific treatment (see supplemental first

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None

3. Composition/Information on Ingredients

Synonyms: 4,5,6,7-tetrahydro-5(1h)-indazolone; 6,7-dihydro-1H-indazol-5(4H)-one; 1,4,6,7-TETRAHYDRO-5H-INDAZOL-5-ONE; 2,4,6,7-Tetrahydro-5H-indazol-5-one; 1,4,6,7-tetrahydroindazol-5-one

CAS#: 1196154-00-3

Purity: 95%

EC: Not available.

4. First Aid Measures

General Information: Immediately remove any clothing contaminated by the product. Move out of dangerous area. Consult a physician and show this safety data sheet.

Inhalation: Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Obtain medical aid.

Skin contact: Immediately flush skin with running water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Obtain medical aid immediately.

Eye contact: Immediately flush open eyes with running water for at least 15 minutes. Obtain medical aid immediately.

Ingestion: Do NOT induce vomiting without medical advice. Rinse mouth with water. Never administer anything by mouth to an unconscious person. Obtain medical aid immediately.

Most important symptoms and effects, both acute and delayed: No further information available. Please see sections 2 and 11.

Indication of any immediate medical attention and special treatment needed: No further information available.

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not eat, drink, or smoke while handling.

Conditions for safe storage, including any incompatibilities: Store in a tightly-closed container when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition. ,Store long-term in a cool, dry place.

8. Exposure Controls/Personal Protection**Exposure limits:**

OSHA PEL: Not available.
 NIOSH REL: Not available.
 ACGIH TLV: Not available.

Appropriate engineering controls: Avoid contact with skin, eyes, and clothing. Wash hands before breaks and immediately after handling the product. Facilities storing or utilizing this material should be equipped with an eyewash fountain. Use adequate general and local exhaust ventilation to keep airborne concentrations low.

Personal protection

Eyes: Not Available.
 Hands: Not Available.
 Skin and body: Not Available.
 Respiratory: Not Available.

9. Physical and Chemical Properties

Physical State: Not available.
 Molecular Formula: C7H8N2O
 Molecular Weight: 136.15
 Odor: Not available.
 pH: Not available.
 Boiling Point Range: Not available.
 Freezing/Melting Point: Not available.
 Flash Point: Not available.
 Evaporation Rate: Not available.
 Flammability(solid,gas): Please see section 2.
 Explosive limits: Not available.
 Vapor Pressure: Not available.
 Vapor Density: Not available.
 Solubility: Not available.
 Relative Density: Not available.
 Refractive Index: Not available.
 Volatility: Not available.
 Auto-ignition Temperature: Not available.
 Decomposition Temperature: Not available.
 Partition Coefficient: Not available.

10. Stability and Reactivity

Reactivity: Not available.
 Chemical stability: Stable

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Symptoms related to the physical, chemical and toxicological characteristics:

Skin contact may result in inflammation characterized by itching, scaling, reddening, blistering, pain or dryness. Eye contact may result in redness, pain or severe eye damage. Inhalation may cause irritation of the lungs and respiratory system. Overexposure may result in serious illness or death.

Carcinogenicity

IARC: Not classified.

NTP: Not listed.

OSHA: Not Available..

Acute toxic effects: Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

12. Ecological Information

Ecotoxicity: Not available.

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Other adverse effects: Not available.

13. Disposal Considerations

Disposal of waste: Not listed

Disposal of packaging: Not listed

14. Transportation Information**DOT (United States)**

respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall AK Scientific be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if AK Scientific has been advised of the possibility of such damages.