Safety Data Sheet

SECTION 1–CHEMICAL INFORMATION

Product No.: CP-5023
Product Name: 2-(1,3-Dioxoisoindolin-2-yl)ethane-1-sulfonyl azide
CAS.No.: N/A

SECTION 2–COMPOSITION/INFORMATION ON INGREDIENT

Formula: C10H8N4O4S
Molecular Weight: 280.26
Assay: single compound >95%

SECTION 3–HAZARDOUS IDENTIFICATION

3.1. *Classification of the substance or mixture*:

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Skin corrosion/irritation (Category 2), H315
Serious eye damage/eye irritation (Category 2), H319
Specific target organ toxicity, single exposure; Respiratory tract irritation (Category 3), H335

3.2. *GHS Label elements, including precautionary statements*:

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 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 soap and water.
P304+P340+P312	If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P305+P351+P338	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

SECTION 4–FIRST AID MEASURES

4.1. *Description of first aid measures*.

General advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous

area.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
In case of skin contact: Wash with soap and water.
In case of eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
If swallowed: Wash out mouth with copious amounts of water for at least 15 minutes. Seek medical attention.

4.2. *Most important symptoms and effects, both acute and delayed*:
See Section 2.2 and/or in Section 11.

4.3. *Indication of any immediate medical attention and special treatment needed*:
No data

SECTION 5–FIRE FIGHTING MEASURES

5.1. *Extinguishing media*: Use dry sand, dry chemical or alcohol-resistant foam for extinction.
5.2. *Special hazards arising from the substance or mixture*: Carbon monoxide, nitrogen oxides.
5.3. *Advice for firefighters*: Wear self-contained breathing apparatus for firefighting if necessary.
5.4. *Further information*: No data available.

SECTION 6–ACCIDENTAL RELEASE MEASURES

6.1. *Personal precautions, protective equipment and emergency procedures*:
Ensure adequate ventilation. Use personal protective equipment.

6.2. *Environmental precautions*:
Should not be released into the environment. See Section 12 for additional ecological information.

6.3. *Methods and materials for containment and cleaning up*:
Sweep up or vacuum up spillage and collect in suitable container for disposal.

6.4. *Reference to other sections*:
Refer to protective measures listed in Sections 8 and 13.

SECTION 7–HANDLING AND STORAGE

7.1. *Precautions for safe handling*: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the build-up of electrostatic charge. For precautions see section 2.2.
7.2. *Conditions for safe storage, including any incompatibilities*: Store at -20°C avoiding light. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
7.3. *Specific end use(s):* Laboratory chemicals, for scientific research and development only.

SECTION 8–EXPOSURE CONTROLS/PPE

8.1. *Control parameters*:
Components with workplace control parameters: Contains no substances with occupational exposure limit values.

8.2. *Exposure controls*:
Appropriate engineering controls: Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas. Use only under a chemical fume hood.

Personal protective equipment:
Eye/face protection: 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 protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product.
Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands

Body Protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing,
The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection: No protective equipment is needed under normal use conditions.
Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 9–PHYSICAL AND CHEMICAL PROPERTIES

Physical State: solid.

Property: pH: N/A Boiling Point Range: N/A Melting Point Range: N/A Freezing Point: N/A Vapor Pressure: N/A Vapor Density: N/A Volatile: N/A Viscosity: N/A Auto Ignition Temp: N/A Refractive Index: N/A Solubility in Water: N/A

SECTION 10–STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions.
Materials to Avoid: No data.
Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.
Hazardous Polymerization: Will not occur.

SECTION 11–TOXICOLOGICAL INFORMATION

Route of Exposure
Skin Absorption: May be harmful if absorbed.
Contact: May cause skin irritation.
Eye Contact: May cause eye irritation.
Inhalation: May be harmful if inhaled. Material may be irritating to mucous membranes and upper respiratory tract.
Ingestion: May be harmful if swallowed.

SECTION 12–ECOLOGICAL INFORMATION

12.1. *Toxicity*: No data available.
12.2. *Persistence and degradability*: No data available.
12.3. *Bioaccumulative potential*: No data available
12.4. *Mobility in soil*: No data available
12.5. *Results of PBT and vPvB assessment*: No data available.
12.6. *Other adverse effects*: No data available.

SECTION 13–DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of Substance or Preparation: Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14–TRANSPORT INFORMATION

No known hazard for air and ground transportation.

SECTION 15–REGULATORY INFORMATION

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302, or have known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.
Not regulated as a hazardous substance. European information Caution:
Substance not yet fully tested. S 5001

SECTION 16–OTHER INFORMATION

DISCLAIMER: The information provided on the MSDS is furnished in good faith and based on our present knowledge. However, this MSDS shall not constitute a guarantee of any kind. Personnel handling this material must make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of this material and the safety and health of employees and customers. Conju-Probe, LLC assumes no additional liability or responsibility resulting from the use of, or reliance on this information. This product is for R&D use only. Not for drug, household or other uses.
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