alomone labs
empowering the spirit of science

SAFETY DATA SHEET

Section 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifiers

Product Name: A 967079
Catalogue Number: A-225
IUPAC Name: (NZ)-N-[(E)-1-(4-fluorophenyl)-2-methylpent-1-en-3-ylidene]hydroxylamine
HS Code: 2928000090

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1.2 Relevant identified uses of the substance or mixture and uses advised against

Laboratory chemicals, synthesis of substances. For research purposes only. Not for human or veterinary use.

1.3 Details of the supplier of the safety data sheet

Company: Alomone Labs
Jerusalem BioPark (JBP)
PO Box 4287
Jerusalem 9104201
Israel

Telephone: +972-2-587-2202
Fax: +972-2-587-1101
Internet: www.alomone.com
E-mail: info@alomone.com

1.4 Emergency telephone number

Telephone:+972-2-587-2202 (Sun-Thu 08.00-18.00 IST)

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

none

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Product name: A 967079
CAS Number: 1170613-55-4
Molecular Formula: $C_{12}H_{14}FNO$
Molecular Weight: 207.2

Section 4. FIRST AID MEASURES

4.1 Description of first aid measures

In all cases of exposure, obtain medical advice.

Inhalation: Move to fresh air and monitor breathing. If breathing becomes difficult give oxygen. If breathing stops give artificial respiration. Obtain medical attention.
Skin Contact: Wash off immediately with plenty of water while removing all contaminated clothing. Wash before reuse.
Eye Contact: Hold eyelids apart and flush eyes with plenty of water.

Ingestion: Rinse mouth with plenty of water. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the professional medical staff. Immediate medical attention is required.

Section 5. FIRE FIGHTING MEASURES

5.1 Suitable extinguishing media

Use dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of toxic and corrosive gases/vapors.

5.3 Precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting and protective clothing to prevent contact with skin and eyes.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Do not take action without suitable protective clothing. Evacuate personnel to safe areas. Ensure adequate ventilation. Avoid dust formation. Avoid breathing vapors, mist or gas.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Containment and clean-up methods and materials

Cover liquid spill with sand, earth or other non-combustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Keep away from heat. Keep away from source of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Avoid contact with skin. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid the formation and inhalation of dust/fumes. If ingested, seek medical advice immediately and show the container or the label.

7.2 Conditions for safe storage

Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep away from direct sunlight. Shipped at room temperature. Product as supplied can be stored intact at room temperature for several weeks. For longer periods, it should be stored at -20°C

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure guidelines

Contains no substances with occupational exposure limit values.

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8.2 Exposure controls

Ensure adequate ventilation, especially in confined areas. Use in a fume hood where applicable. Ensure laboratory is equipped with a safety shower and eye wash station. General industrial hygiene practice.

Personal protective equipment

Eye/face: Safety goggles.
Skin: Chemical resistant gloves. Gloves should be inspected before use. Wash and dry hands thoroughly after handling.
Body: Wear appropriate protective clothing. Remove and wash contaminated clothing before re-use.
Respiratory protection: Use a suitable respirator as conditions warrant.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties

a) Physical state: solid
b) Color: No data available
c) Odor: No data available
d) Melting point/freezing point: No data available
e) Initial boiling point and boiling range: No data available
f) Flammability (solid, gas): No data available
g) Upper/lower flammability or explosive limits: No data available
h) Flash point: No data available: No data available
i) Decomposition temperature: No data available
j) Autoignition temperature: No data available
k) pH: No data available
l) Viscosity: Viscosity, kinematic: No data available Viscosity, dynamic: No data available
m) Water solubility: No data available
n) Partition coefficient: n-octanol/water: log Pow: 2,916
o) Vapor pressure: No data available
p) Density Relative density: No data available
q) Relative vapor density: No data available
r) Particle characteristics: No data available
s) Explosive properties: No data available
t) Oxidizing properties: No data available

9.2 Other information

No data available

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under recommended conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong oxidizing agents, strong acids/bases.

10.6 Hazardous combustion or decomposition products

May emit toxic gases upon thermal decomposition.

Section 11. TOXICOLOGICAL INFORMATION

11.1 Toxicological effects

Acute toxicity
Oral: No data available
Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation No data available

Serious eye damage/eye irritation
Remarks: No data available

Respiratory or skin sensitization No data available

Germ cell mutagenicity No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Specific target organ toxicity - single exposure No data available

Specific target organ toxicity - repeated exposure No data available

Aspiration hazard No data available

11.2 Additional Information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

No data available.

12.3 Bio-accumulative potential

No data available.

12.4 Mobility in soil

No data available.

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12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

Section 13. DISPOSAL CONSIDERATIONS

13.1 Waste methods

Product

Transfer to a suitable container and arrange for collection by specialized disposal company in accordance with federal, state and local environmental control regulations.

Contaminated packaging

Dispose in a regulated landfill site or other method for hazardous or toxic waste in accordance with federal, state and local environmental control regulations.

Section 14. TRANSPORT INFORMATION

ADR Not dangerous goods.
IATA Not dangerous goods.
DOT Not dangerous goods.
TGD Not dangerous goods.
IMDG/IMO Not dangerous goods.

Section 15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Chemical safety assessment

None has been made for this product.

Section 16. OTHER INFORMATION

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals;

OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow local and national safety legislation. The absence of warning may not, under any circumstances, be taken to mean that no hazard exists. Alomone Labs disclaims all liability for any damage resulting from use of this material.

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