

Safety Data Sheet

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifiers

Product name: AATOM™ 647N maleimide
Product number: 2857

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

Identified uses: For research use only. Not intended for diagnostic or therapeutic use.

1.3 Details of the supplier of the safety data sheet

Company: AAT Bioquest, Inc.
Address: 5775 W Las Positas Blvd, Pleasanton, CA 94588
Telephone: (408)-733-1055
Fax: (408)-733-1304
Email: info@aatbio.com

1.4 Emergency telephone number

Chemtrec (Within USA): 1-(800)-424-9300
Chemtrec (Outside USA): 1-(703)-527-3887

Section 2: Hazard identifications

2.1 Classification of the substance or mixture

Not evaluated; GHS hazards have not been determined.

2.2 Label elements

Signal word: Not available
Hazard statements: Not available
Symbols/Pictograms: Not available
Precautionary statements - prevention: Not available
Precautionary statements - response: Not available
Precautionary statements - storage: Not available
Precautionary statements - disposal: Not available

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Hazards not otherwise classified (HNOC): Not available

2.4 Other information

Other hazards: No additional information available

Section 3: Composition/information on ingredients

3.1 Substances

Chemical name:	AATOM™ 647N maleimide
CAS number:	Not available
Molecular weight:	804.46
Formula:	Not available

Section 4: First aid measures

4.1 First-aid measures

General advice:	If symptoms occur, seek medical advice/attention.
Eye contact:	Rinse eyes with water as a precaution.
Skin contact:	Wash skin with plenty of water.
Inhalation:	Remove person to fresh air and keep comfortable for breathing.
Ingestion:	Call a poison center or a doctor if you feel unwell.
Self-protection of the first aider:	Use personal protective equipment.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	No additional information available
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4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians:	Treat symptomatically.
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Section 5: Firefighting measures

5.1 Suitable extinguishing media

Suitable extinguishing media:	Water spray. Dry powder. Foam.
Unsuitable extinguishing media:	No information available.

5.2 Specific hazards arising from the chemical

Specific hazards arising from the chemical:	No information available.
Hazardous combustion products:	Toxic fumes may be released.

5.3 Explosion data

Sensitivity to mechanical impact:	No information available.
Sensitivity to static discharge:	No information available.

5.4 Protective equipment and precautions for firefighters

Protective equipment and precautions for firefighters:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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Section 6: Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal precautions:	For non-emergency personnel: Ventilate spillage area. For emergency responders: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2 Environmental precautions

Environmental precautions:	Avoid release to the environment.
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6.3 Methods and material for containment and cleaning up

Methods for containment:	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up:	Mechanically recover the product. Dispose of materials or solid residues at an authorized site.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:	Ensure good ventilation of the work station. Wear personal protective equipment.
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7.2 Conditions for safe storage, including any incompatibilities

Storage conditions:	Store at -20°C
Incompatible materials:	No information available.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Exposure guidelines:	No additional information available
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8.2 Appropriate engineering controls

Engineering controls:	Ensure good ventilation of the work station.
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8.3 Individual protection measures, such as personal protective equipment

Eye/face protection:	Protective goggles (EN 166)
Skin and body protection:	Wear suitable protective clothing. Hand protection: Protective gloves – Reusable gloves, Nitrile rubber (NBR), Permeation 6 (> 480 minutes), Thickness (mm) 0,2, Penetration 1 (< 4.0), Standard EN 374-3, EN 374-2.
Respiratory protection:	No respiratory protection needed under normal use conditions
General hygiene considerations:	Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Section 9: Physical and chemical properties

Physical state:	Solid
Solubility in water:	High
Appearance:	No information available.
Odor/odor threshold:	odourless.
pH:	Not available
Melting point/freezing point:	Not available
Boiling point:	Not available
Flashpoint:	Not applicable
Liquid density:	Not available
Evaporation rate:	No information available.
Upper flammability limit:	Not applicable
Lower flammability limit:	Not applicable
Vapor pressure:	Not available
Vapor density:	Not applicable

Specific gravity:	Not available
Water solubility:	No information available.
Solubility in other solvents:	Soluble in: dimethyl sulfoxide, dimethylformamide, acetonitrile
Partition coefficient:	Not available
Autoignition temperature:	Not applicable
Decomposition temperature:	Not available
Viscosity:	Not applicable
Explosive properties:	Not applicable
Oxidizing properties:	No information available.

Section 10: Stability and reactivity

Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability:	Stable under normal conditions.
Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
Hazardous polymerization:	No information available.
Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
Incompatible materials:	No additional information available
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11: Toxicological information

11.1 Information on likely routes of exposure

Inhalation:	Acute toxicity (inhalation): Not classified
Eye contact:	Serious eye damage/irritation: Not classified
Skin contact:	Skin corrosion/irritation: Not classified; Respiratory or skin sensitisation: Not classified
Ingestion:	Acute toxicity (oral): Not classified

11.2 Information on toxicological effects

Symptoms:	No information available.
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11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Chronic toxicity:	Germ cell mutagenicity: Not classified; Carcinogenicity: Not classified; Reproductive toxicity: Not classified; STOT-single exposure: Not classified; STOT-repeated exposure: Not classified; Aspiration hazard: Not classified
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11.4 Numerical measures of toxicity - product information

Unknown acute toxicity:	No information available.
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Section 12: Ecological information

Ecotoxicity:	Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. Hazardous to the aquatic environment, short-term (acute): Not classified. Hazardous to the aquatic environment, long-term (chronic): Not classified
Persistence and degradability:	No additional information available
Bioaccumulation:	No additional information available
Mobility:	No additional information available

Section 13: Disposal consideration

Disposal of wastes:	Dispose of contents/container in accordance with licensed collector's sorting instructions.
Contaminated packaging:	Do not reuse container.
Other information:	None

Section 14: Transport information

DOT:	ADR / RID / ADN: Not regulated (UN number, UN proper shipping name, transport hazard class(es), packing group and environmental hazards all Not regulated)
IMDG:	Not regulated
IATA:	Not regulated

Section 15: Regulatory information

15.1 International Inventories

US Toxic Substances Control Act (TSCA):	Not listed
Canada (DSL/NDSL):	Not listed
Europe (EINECS/ELINCS/NLP):	Not listed
Australia (AICS):	Not listed
South Korea (KECL):	Not listed
China (IECSC):	Not listed
Japan (ENCS):	Not listed
Phillipines (PICCS):	Not listed

15.2 US Federal Regulations

SARA 313:	Not listed
SARA 311/312 components:	Not listed
CWA (Clean Water Act):	No information available.

15.3 US State Regulations

California Proposition 65:	Not listed
Massachusetts-RTK:	Not listed
New Jersey-RTK:	Not listed
Pennsylvania-RTK:	Not listed
U.S. State Right-To-Know Regulations:	

Section 16: Other information

16.1 HMIS

Health hazards:	Not determined
Flammability:	Not determined
Reactivity:	Not determined
Personal protection:	Not determined

16.2 NFPA

Health hazards:	Not determined
Flammability:	Not determined
Stability:	Not determined
Physical and chemical properties:	Not determined

16.3 Further information

This material is sold for research purposes only and is not required to appear on the TSCA inventory. It is not intended for food, drug, household, agricultural or cosmetic use. Its use must be supervised by a technically qualified individual experienced in handling potentially hazardous chemicals. The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. Users should make independent decisions regarding the completeness of the information based on all sources available. AAT Bioquest shall not be held liable for any damage resulting from handling or from contact with the above product.