

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

SAFETY DATA SHEET

Version: v1

Revision Date: 2024-10-09

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

1.1 Product identifiers

Product name : 2-Nitrophenetole
Product Number : N159208
Brand : aladdin
CAS-No. : 610-67-3

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

Identified uses : Laboratory chemicals, Manufacture of substances.

1.3 Company

Company : ALADDIN SCIENTIFIC CORPORATION
Address : 14078 Meridian Parkway,
Riverside, CA. 92518
Telephone : +1 (833) 552-7181
Fax : no data available

1.4 Emergency telephone number

CHEMTREC®, Inside the USA : 1-800-424-9300
CHEMTREC®, Outside the USA :

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)
Toxic to aquatic life with long lasting effects, H411

2.2 GHS Label elements, including precautionary statements

Pictogram



Signal word

Warning

Hazard statement(s)

H411

Toxic to aquatic life with long lasting effects

Precautionary statement(s)

P273

Avoid release to the environment.

P391

Collect spillage.

P405

Store locked up.

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P501

Dispose of contents/container to an approved waste disposal plant.

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

SECTION 3: Composition/information on ingredients

3.1 Substances

Synonyms	: ['1-Ethoxy-2-nitrobenzene']
Formula	: C ₈ H ₉ NO ₃
Molecular weight	: 167.16
CAS No.	: 610-67-3
EC-NO.	: no data available

Component	Classification	Concentration
2-Nitrophenetole	no data available	≥98%(GC)

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

Show this material safety data sheet to the doctor in attendance.

If inhaled

Move the victim to fresh air, maintain clear breathing, and rest. If you feel unwell, please seek medical attention.

In case of skin contact

Immediately remove/remove all contaminated clothing. Wash skin/shower with water. If skin irritation or rash occurs: seek medical attention.

In case of eye contact

Wash with water carefully for a few minutes. If convenient and easy to operate, remove contact lenses. Continue cleaning. If eye irritation: seek medical attention/medical attention.

If swallowed

If feeling unwell, seek medical attention. Rinse your mouth.

4.2 Most important symptoms and effects, both acute and delayed

As far as we know, The chemical, physical, and toxic properties have not been fully studied yet.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

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Suitable extinguishing media

no data available

Unsuitable extinguishing media

no data available

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

If necessary, wear a self-contained breathing apparatus to put out the fire.

5.4 Further information

no data available

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Stay away from spills/leaks and keep upwind. Ensure sufficient ventilation. The leakage area should be enclosed with safety belts and other measures to control the entry of unrelated personnel.

6.2 Environmental precautions

Prevent entry into the sewer.

6.3 Methods and materials for containment and cleaning up

Use appropriate absorbents (such as old cloth, dry sand, soil, sawdust) to absorb leaks. Once a large amount of leakage occurs, build embankments to control it. Attached or collected materials should be immediately disposed of in accordance with appropriate laws and regulations.

6.4 Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Handle in a well ventilated area. Wear appropriate protective gear. Prevent the generation of smoke. Thoroughly clean hands and face after treatment.

7.2 Conditions for safe storage, including any incompatibilities

Keep the container sealed. Store in a cool and dark place. Keep away from incompatible materials such as oxidants for storage.

7.3 Specific end use(s)

no data available

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.2 Exposure controls

Appropriate engineering controls

Operate according to industrial hygiene and safety regulations. Wash hands before rest and at the end of work.

Personal protective equipment

Eye/face protection

Masks and safety glasses, please use equipment that has been tested and approved by official standards such as NIOSH (USA) or EN 166 (EU) to protect the eyes.

Skin protection

Gloves must be checked before use. Please use the correct method to remove the gloves (do not touch the outer surface of the gloves) and avoid any skin contact with the product. After use, please handle contaminated gloves carefully in accordance with relevant laws, regulations, and effective laboratory procedures and procedures. Please clean and blow dry the protective gloves selected for your hands, which must comply with the specifications given in Regulation (EU) 2016/425 and the derived EN 374 standard.

Body Protection

Anti permeation clothing, flame retardant and anti-static protective clothing, and the type of protective equipment must be selected based on the concentration and content of hazardous substances in specific workplaces.

Respiratory protection

If the hazard assessment shows the need to use a gas mask with air purification, please use a full face multi-functional gas mask (US) or ABEK type (EN 14387) gas mask cartridge as a backup for engineering control. If a gas mask is the only way to protect, use a full face ventilation gas mask. The use of respirators and parts that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

no data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	no data available
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	4 °C
f) Initial boiling point and boiling range	275°C(lit.)
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available

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j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties N	no data available
t) Oxidizing properties N	no data available

9.2 Other safety information

no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Generally stable.

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Oxidizing agent

10.5 Incompatible materials

Carbon dioxide, carbon monoxide, Nitrogen oxides (NO_x)

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Skin corrosion/irritation

no data available

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Serious eye damage/eye irritation

no data available

Respiratory or skin sensitisation

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

Additional Information

SECTION 12: Ecological information

12.1 Toxicity

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:

13.1 Disposal considerations

Product

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If possible, recycle and dispose of it. Please consult the local management department. Comply with all national, regional, and local regulations when disposing of waste.

Contaminated packaging

Discard as unused product.

SECTION 14: Transport information

DOT (US)

UN number: 2252

Packing group: no data available

Class: no data available

Proper shipping name: 2-Nitrophenetole
Reportable Quantity(RQ): no data available

Poison Inhalation Hazard: no data available

Environmental Hazards: no data available

IMDG

UN number: 2252

Packing group: no data available

EMS-No: no data available

Proper shipping name: 2-Nitrophenetole

IATA

UN number: 2252

Packing group: no data available

Class: no data available

Proper shipping name: 2-Nitrophenetole

SECTION 15: Regulatory information

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

SECTION 16: Other information

Prepared By

Regulatory Affairs

ALADDIN SCIENTIFIC CORPORATION

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SDS sections updated v1

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