

2-(4-Nonylphenoxy)acetic acid: sc-298115



The Power to Question

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 2-(4-Nonylphenoxy)acetic acid
Product Number: sc-298115
Supplier: Santa Cruz Biotechnology, Inc.
2145 Delaware Avenue
Santa Cruz, CA 95060
800.457.3801 or 831.457.3800
Emergency: ChemWatch
Within the US & Canada: 877-715-9305
Outside the US & Canada: +800 2436 2255 (1-800-CHEMCALL) or call +613 9573 3112

2. HAZARD IDENTIFICATION

GHS Classification

Acute toxicity, Oral (Category 4)
Acute toxicity, Dermal (Category 4)
Acute toxicity, Inhalation (Category 4)

GHS Label Elements

Pictogram



Signal Word Warning

Hazard Statements:

H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.

Precautionary Phrases:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P402 + P404 Store in a dry place. Store in a closed container.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: C₁₇H₂₆O₃
Molecular Weight: 278.39
CAS #: 3115-49-9

4. FIRST AID MEASURES

If Inhaled

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention.

In Case of Skin Contact

Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

In Case of Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

If Swallowed

Wash out mouth with water. Get medical advice/attention.

5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

Carbon Dioxide, Dry Chemical Powder, AFFF, Water. Do not use water with a full water jet.

Hazardous Combustion Products

In combustion toxic fumes may form.

Special Protective Equipment for Firefighters

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Refer to section 8 of SDS for personal protection details.

Environmental precautions.

Do not discharge into rivers and drains.

Methods and materials for containment and cleaning up

Mix with sand or vermiculite, transfer to suitable container and arrange disposal by approved disposal specialists.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle in BS approved adequately ventilated fume cupboard. Wash hands immediately after contamination. Remove and thoroughly wash any clothing if spillage occurs. Undertake normal measures for fire protection. Minimal explosion risk.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed, store in cool, well ventilated area. Keep in tightly closed container in a cool area away from direct sunlight or heat sources. Store in well ventilated place. Keep container tightly closed. Store at 4° C.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures

Use only in a BS approved fume cupboard or in a well ventilated area.

Personal Protective Equipment

Respiratory protection

Avoid breathing dust, fumes, gas, mist, vapors or sprays. For low level exposures use type P95 (US) or type P1 (EU EN 143) particle respirator. For higher level protection use type OV/AG/P99 (US) or type ABE1P3D (EU EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

Suitable protective gloves or gauntlets satisfying EU Directive 89/686/EEC and the standard EN374 derived from it.

Skin protection

Protective clothing and gloves or gauntlets.

Eye protection

Safety glasses (EN 166(EU)) and/or full face visor if handling large amounts.

Hygiene Measures

Wear protective gloves/protective clothing/eye protection/face protection. The standard precautionary measures should be adhered to when handling this material. Wash hands during breaks and at the end of handling the material. Remove immediately any contaminated clothing or footwear and either wash thoroughly or dispose of in hazardous waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid	Odor:	no data available
Odor threshold:	no data available	pH:	no data available
Melting/Boiling point:	95-97° C	Flash point:	no data available
Evaporation rate:	no data available	Flammability (solid,gas):	no data available
Upper/lower explosive limits:	no data available	Vapor pressure:	no data available

Vapor density: no data available
Solubility(ies): no data available
Auto ignition temperature: no data available
Viscosity: no data available
Oxidizing properties: no data available

Relative density: no data available
Partition coefficient: no data available
Decomposition temperature: no data available
Explosive properties: no data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

No hazardous reactions known.

Conditions to avoid

No specific conditions to avoid.

Incompatible materials

Avoid contact with strong acids, bases, oxidizing and reducing agents.

Hazardous decomposition products

In combustion, emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

no data available

Skin corrosion/irritation:

no data available

Serious eye damage/irritation:

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

Single Target Organ Toxicity-single exposure:

no data available

Single Target Organ Toxicity-repeated exposure:

no data available

Aspiration hazard:

no data available

12. ECOLOGICAL INFORMATION

Toxicity

no data available

Bioaccumulative potential

no data available

PBT and vPvB assessment

no data available

Persistence and degradability

no data available

Mobility in soil

no data available

Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

Product

Consult state, local or national regulations for proper disposal.

Contaminated Packaging

Disposal must be made according to official regulations.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

Safety, health and environmental regulations

Product is not subject to any additional regulations or provisions.

Chemical safety assessment

No chemical safety assessment.

Other information

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

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be complete and should be used only as a guide. The burden of safe use of this material rests entirely with the user.

10/07/2013