



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : 3-Acetamidobenzoic acid
Catalog Number : A1004
Synonym : 4'-Formylacetanilide
Brand : Northernchem
Product Use : For laboratory research purposes
Manufacturer : Northernchem Inc.
 8485 Montrose Rd., Niagara Falls, Ontario, CANADA L2H 3L7
 Phone : +1(905) 353-1500
 Fax : +1(289) 975-5138
Supplier : Northernchem Inc.
 8485 Montrose Rd., Niagara Falls, Ontario, CANADA L2H 3L7
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2. HAZARDS IDENTIFICATION

WHMIS Classification
D2B Toxic Material Causing Other Toxic Effects Moderate skin irritant
 Moderate respiratory irritant
 Moderate eye irritant

GHS Classification
Skin irritation Category 2
Eye irritation Category 2A
Specific target organ toxicity Category 3

GHS Label Elements, Including Precautionary Statements

Pictogram

Signal Word Warning

Hazard Statements(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/ vapours/ spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

HMIS Classification

Health Hazard 2
Chronic Health Hazard *

Flammability 0
Physical Hazards 0

NFPA Rating

Health Hazard No data available
Fire No data available
Reactivity Hazard No data available

Potential Health Effects

Inhalation : May be harmful if inhaled. May cause respiratory tract irritation.
Skin : May be harmful if absorbed through skin. May cause skin irritation.
Eyes : May cause eye irritation.
Ingestion : May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : C₉H₉NO₂
Molecular Weight : 163.17 g/mol
CAS-No. : 122-85-0
EC-No. : 204-579-2
Purity : >98%

4. FIRST AID MEASURES

General Advice : Consult a physician. Show this SDS to Physician in attendance. Move out of dangerous area.
Inhalation : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
Skin Contact : Wash off with soap and plenty of water. Consult a physician.
Eye Contact : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIREFIGHTING MEASURES

Condition of Flammability : Not flammable or combustible.
Suitable Extinguishing Media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific Hazards Arising from the Chemical : No data available
Special Protective Equipment for Firefighters : Wear self contained breathing apparatus for fire fighting if necessary.
Hazardous Combustion Products : Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NO_x)

Explosion Data – Sensitivity to Mechanical Impact	:	No data available
Explosion Data – Sensitivity to Static Discharge	:	No data available
Further Information	:	No data available

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	:	Avoid dust formation. Avoid breathing vapors, mist or gas.
Environmental Precautions	:	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods and Materials for Containment and Cleaning Up	:	Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling	:	Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.
Conditions for Safe Storage	:	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment	:	
Respiratory	:	For nuisance 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 ABEK-P2 (EU EN 143) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Hand	:	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.
Eyes	:	Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin and Body	:	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.
Hygiene Measures	:	General industrial hygiene and safety practice.
Engineering Controls	:	Use mechanical exhaust or laboratory fumehood to avoid exposure.
Workplace Control Parameters	:	No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Powder
Colour	:	Light green

pH	:	No data available
Melting Point/Freezing Point	:	148 - 153 °C (298 - 307 °F) - lit.
Boiling Point	:	No data available
Flash Point	:	No data available
Ignition Temperature	:	No data available
Autoignition Temperature	:	No data available
Lower Explosion Limit	:	No data available
Upper Explosion Limit	:	No data available
Vapour Pressure	:	No data available
Density	:	No data available
Water Solubility	:	No data available
Partition Coefficient (n-octanol/water)	:	No data available
Relative Vapour Density	:	No data available
Odour	:	No data available
Odour Threshold	:	No data available
Evaporation Rate	:	No data available

10. STABILITY AND REACTIVITY

Chemical Stability	:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	:	No data available
Conditions to Avoid	:	No data available
Materials to Avoid	:	Strong oxidizing agents.
Hazardous Decomposition Products	:	Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx) Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	
Oral LD₅₀	: No data available
Inhalation LC₅₀	: No data available
Dermal LD₅₀	: No data available
Other Information	: No data available
Skin Corrosion/Irritation	
No data available	
Serious Eye Damage/Eye Irritation	
No data available	
Respiratory or Skin Sensitisation	
No data available	
Germ Cell Mutagenicity	
No data available	
Carcinogenicity	

IARC : No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH : No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive Toxicity

No data available

Teratogenicity

No data available

Specific Target Organ Toxicity (Single Exposure)

Inhalation - May cause respiratory irritation.

Specific target Organ Toxicity (Repeated Exposure)

No data available

Aspiration Hazard

No data available

Signs and Symptoms of Exposure

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

Synergistic Effects

No data available

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

Toxicity

Toxicity to Fish : No data available

Toxicity to Daphnia and other Aquatic Invertebrates : No data available

Toxicity to Algae : No data available

Persistence and Degradability

Biodegradability : No data available

Bioaccumulative Potential

No data available

Mobility in Soil

No data available

PBT and vPvB Assessment

No data available

Other Adverse Effects

No data available

13. DISPOSAL CONSIDERATIONS

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

WHMIS Classification

D2B

Toxic Material Causing Other Toxic Effects Moderate skin irritant
Moderate respiratory irritant
Moderate eye irritant

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

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