



Section 1 – Company Information

Parchem - fine & specialty chemicals
415 Huguenot Street
New Rochelle, NY 10801
☎ (914) 654-6800 📠 (914) 654-6899
🌐 parchem.com ✉ info@parchem.com

EMERGENCY RESPONSE NUMBER:
CHEMTEL - Parchem CCN# M1S0007152
Toll Free US & Canada: (800)255-3924
All other Origins: (813) 248-0585
Collect Calls Accepted

Section 2 – Product Identification/ Information on Ingredients

PRODUCT NAME 6-bromo-2,4 dinitroaniline
CAS NUMBER 1817-73-8
SYNONYM 2-Bromo-4,6-dinitroaniline, Bromo DNA
FORMULA $C_6H_4BrN_3O_4$

PRODUCT	CAS NUMBER	% BY WEIGHT
6-bromo-2,4 dinitroaniline	1817-73-8	100%

Section 3 – Hazards Identification

Emergency Overview

OSHA Hazards

No known OSHA hazards

HMIS Classification

Health Hazard: 1

Flammability: 1

Physical hazards: 0

NFPA Rating

Health Hazard: 0

Fire: 0

Reactivity Hazard: 1

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.

Section 4 – First Aid Measures



If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Section 5 – Fire Fighting Measures

Flammable properties

Flash point no data available

Ignition temperature no data available

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 – Accidental Release Measures

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7 – Handling & Storage

Handling

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Storage

Keep container tightly closed in a dry and well-ventilated place.

Section 8 – Exposure Controls & Personal Protection

Components with workplace control parameters

Components 2-Bromo-4,6-dinitroaniline

CAS-No. 1817-73-8

Value TWA

Control parameters 5 ppm 19 mg/m³



Update 1993-06-30

Basis US. Department of Labor - Occupational Safety and Health Administration (OSHA)
Permissible Exposure Limits (PEL) 29 CFR 1910.1000 Air Contaminants.

Remarks Skin contact does contribute to exposure.

Value TWA

Control Parameters 2 ppm 8 mg/m³

Update 1989-03-01

Basis US. Department of Labor - Occupational Safety and Health Administration (OSHA) 29 CFR
1910.1000 Z-1-A

Personal protective equipment

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

For prolonged or repeated contact use protective gloves.

Eye protection

Safety glasses

Hygiene measures

General industrial hygiene practice.

Section 9 – Physical & Chemical Properties

Appearance

Form solid

Safety data

pH: no data available

Melting point: 151 - 153 °C (304 - 307 °F)

Boiling point: no data available

Flash point: no data available

Ignition temperature: no data available

Lower explosion limit: no data available

Upper explosion limit: no data available

Water solubility: no data available

Section 10 – Stability & Reactivity Data

Storage stability

Stable under recommended storage conditions.

Materials to avoid

Strong oxidizing agents, Strong bases

Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides



(NO_x), Hydrogen bromide gas

Safety Data Sheet
(6-bromo-2,4 dinitroaniline)
DATE PREPARED: 12/30/2011
REVISION NUMBER: 12/30/2011

Section 11 – Toxicological Information

Acute toxicity

LD50 Oral - rat - 4,100 mg/kg

Remarks: Brain and Coverings:Recordings from specific areas of CNS. Behavioral:Somnolence (general depressed activity). Nutritional and Gross Metabolic:Weight loss or decreased weight gain.

Irritation and corrosion

Eyes - rabbit - Mild eye irritation - 24 h

Sensitisation

no data available

Chronic exposure

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.

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

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

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

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Additional Information

RTECS: BW9303000

Section 12 – Ecological Information

Elimination information (persistence and degradability)

no data available

Ecotoxicity effects

no data available

Further information on ecology

no data available



Section 13 – Disposal Consideration

Product

Observe all federal, state, and local environmental regulations.

Contaminated packaging

Dispose of as unused product.

Section 14 – Transportation Data

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

Section 15 – Regulatory Information

OSHA Hazards

No known OSHA hazards

DSL Status

This product contains the following components listed on the Canadian NDSL list. All other components are on the Canadian DSL list.

2-Bromo-4,6-dinitroaniline

CAS-No.

1817-73-8

SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

No SARA Hazards

Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

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New Jersey Right To Know Components

2-Bromo-4,6-dinitroaniline



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California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Section 16 – Other Information

Disclaimer

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.