



## MATERIAL SAFETY DATA SHEET

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3-Bromobenzaldehyde, 96+%

### SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:

3-Bromobenzaldehyde, 96+%

Catalog Numbers:

10666-0000, 10666-0050, 10666-0250, 10666-1000

Synonyms:

No information available.

Company Information:

LEONID CHEMICALS

62/A-2 1st Stage, Yeshwanthpur Industrial Suburb

Ashokpuram School Road

Bangalore-560 022, Karnataka, INDIA

Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

### SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	:	6630-33-7
Chemical Name	:	2-Bromobenzaldehyde
%	:	96+%
EINECS#	:	221-526-9
Hazard Symbols	:	XN
Risk Phrases	:	22

### SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Harmful if swallowed.

Potential Health Effects

Eye:

May cause eye irritation.

Skin:

May cause skin irritation.

Ingestion:

Harmful if swallowed.



Inhalation:

May cause respiratory tract irritation.

Chronic:

No information available.

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#### SECTION 4 - FIRST AID MEASURES

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Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water. Inhalation: Remove from exposure and move to fresh air immediately. Get medical aid.

Notes to Physician:

No information available.

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#### SECTION 5- FIRE FIGHTING MEASURES

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General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Will burn if involved in a fire.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

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#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

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General Information: Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container.

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#### SECTION 7 - HANDLING AND STORAGE

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Handling:

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

#### Storage:

Keep away from sources of ignition. Store in a cool, dry place. Store in a tightly closed container.

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### SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

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#### Engineering Controls:

Use adequate ventilation to keep airborne concentrations low.

#### Personal Protective Equipment

##### Eyes:

Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

##### Skin:

Wear appropriate protective gloves to prevent skin exposure.

##### Clothing:

Wear appropriate protective clothing to prevent skin exposure.

##### Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

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### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

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Physical State	:	Clear liquid
Color	:	After melting, clear colorless - yellow
Odor	:	Characteristic odor
PH	:	No Information available.
Vapor Pressure	:	No Information available.
Viscosity	:	No Information available.
Boiling Point	:	228 - 230 deg C @ 760.00mm Hg
Freezing/Melting Point	:	18 - 21 deg C
Autoignition Temperature	:	No Information available.
Flash Point	:	96 deg C ( 204.80 deg F)
Explosion Limits, lower	:	No Information available.
Explosion Limits, upper	:	No Information available.
Decomposition Temperature	:	No Information available.
Solubility in water	:	decomposes in water
Specific Gravity/Density	:	1.5870g/cm3
Molecular Formula	:	C7H5BrO
Molecular Weight	:	185.02

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## SECTION 10 - STABILITY AND REACTIVITY

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### Chemical Stability:

Stable under normal temperatures and pressures.

### Conditions to Avoid:

Incompatible materials, light, exposure to moist air or water.

### Incompatibilities with Other Materials:

Strong oxidizing agents, strong reducing agents, strong bases, strong acids.

### Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide, hydrogen bromide.

### Hazardous Polymerization:

Has not been reported.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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### RTECS#:

CAS# 3132-99-8: CU4820000

### LD50/LC50:

CAS# 3132-99-8: Draize test, rabbit, eye: 100 uL; Oral, mouse: LD50 = 1850 mg/kg; Oral, rat: LD50 = 1126 mg/kg; Oral, rat: LD50 = 3300 mg/kg; Skin, rabbit: LD50 = >5 gm/kg. Not available.

### Carcinogenicity:

3-Bromobenzaldehyde - Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA. See actual entry in RTECS for complete information.

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## SECTION 12 - ECOLOGICAL INFORMATION

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No information available.

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## SECTION 13 - DISPOSAL CONSIDERATIONS

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Dispose of in a manner consistent with federal, state, and local regulations.

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## SECTION 14 - TRANSPORT INFORMATION

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### IATA

No information available.

### IMO

No information available.

### RID/ADR

No information available.

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## SECTION 15 - Regulatory Information

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### European/International Regulations

European Labeling in Accordance with EC Directives

### Hazard Symbols:

XN

### Risk Phrases:

R 22 Harmful if swallowed.

### Safety Phrases:

CAS# 3132-99-8: No information available.

### WGK (Water Danger/Protection)

CAS# 6630-33-7: No information available.

### United Kingdom Occupational Exposure Limits

No information available.

### United Kingdom Maximum Exposure Limits

No information available.

### Canada

CAS# 3132-99-8 is listed on Canada's NDSL List.

CAS# 3132-99-8 is not listed on Canada's Ingredient Disclosure List.

### Exposure Limits

No information available.

### US FEDERAL

#### TSCA

CAS# 3132-99-8 is listed on the TSCA inventory.

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## SECTION 16 - ADDITIONAL INFORMATION

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