OXFORD LAB FINE CHEM LLP

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Oxford
Range of
Laboratory Chemicals

MATERIAL SAFETY DATA SHEET

2-BROMOPHENOL 98% Extra Pure

CAS NO. : 95-56-7

Section 1: Chemical Product and Company Identification

Section 1: Chemical Product
Product Name: 2-BROMOPHENOL 98% Extra Pure
CAS#: 95-56-7
C.I. No.: Not available.
Synonym: Not available.
Chemical Name: 2-BROMOPHENOL 98% Extra Pure
Chemical Formula: C6H5BrO

Brand: OXFORD

Details Of The Supplier Of The Safety Data Sheet:

Company identification: **OXFORD LAB FINE CHEM LLP**
Unit. No. 12, 1st Floor, Neminath Industrial Estate No. 6,
Navghar, Vasai (East). Palghar - 401 210.
Mumbai, Maharashtra, INDIA.
Tel: 91-250-2390989
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Section 2: Composition and Information on Ingredients

Substances
Formula: C6H5BrO
Molecular weight: 173.01 g/mol
CAS-No.: 95-56-7

Hazardous ingredients according to Regulation (EC) No 1272/2008.

Substance name	Cas no.	Concentration
2-Bromophenol	95-56-7	<=100%

Section 3: Hazards Identification

Classification of the substance or mixture

Classification of the substance according to Regulation (EC) No 1272/2008:
Flammable liquids (Category 3), H226
Acute toxicity, Oral (Category 4), H302
Skin irritation (Category 2), H315
Eye irritation (Category 2), H319
Specific target organ toxicity -single exposure (Category 3), Respiratory system, H335
Acute aquatic toxicity (Category 1), H400

Other hazards: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Contact with water liberates toxic gas.

Section 4: First Aid Measures

Description of first aid measures

General advice
Consult a physician. Show this safety data sheet to the doctor in attendance.

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. Take victim immediately to hospital. Consult a physician.

In case of eye contact
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Indication of any immediate medical attention and special treatment needed
No data available

Section 5: Fire and Explosion Data

Extinguishing media
Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Section 5: Fire and Explosion Data (Continued)

Special hazards arising from the substance or mixture
Carbon oxides, Hydrogen bromide gas

Advice for firefighters
Wear self contained breathing apparatus for fire-fighting if necessary.

Further information
Use water spray to cool unopened containers.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

Section 7: Handling and Storage

Precautions for safe handling
Avoid inhalation of vapour or mist.
Keep away from sources of ignition -No smoking. Take measures to prevent the buildup of electrostatic charge.

Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Storage class (TRGS 510): Flammable liquids.

Section 8: Exposure Controls/Personal Protection

Control parameters

Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

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.
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection: Complete suit protecting against chemicals, Flame retardant antistatic protective clothing., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use (US) or type ABEK (EN 14387) respirator cartridges as a backup to enginee protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

a)Appearance Form	**: Liquid.**
b)Odour	**: No data available.**
c)Odour threshold	**: No data available.**
d)pH	**: No data available.**
e) Melting point/range	**: 3 -7 °C-lit.**
f)Initial boiling point and boiling range	**: 195 °C-lit.**
g)Autoignition temperature	**: No data available.**
h)Flammability (solid, gas)	**: No data available.**

Section 9: Physical and Chemical Properties (Continued)

i)Upper/lower flammability or explosive limits	**: No data available.**
j)Flash point [°C]	**: 42 °C-closed cup**
k)Evaporation rate	**: No data available.**
l)Vapour pressure	**: No data available.**
m)Vapour density	**: No data available.**
n)Relative density,	**: 1.492 g/cm3 at25 °C 1.6235 g/cm3 At 25 °C**
o)Solubility in water	**: No data available.**
p)Viscosity	**: No data available.**
q)Explosive properties	**: No data available.**
r)Oxidising properties	**: No data available.**
s)Decomposition temperature	**: No data available.**
t)Autoignition temperature	**: No data available.**
u)Molecular Weight	**: No data available.**

Section 10: Stability and Reactivity Data

Reactivity : No data available.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : No data available.

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Acid chlorides, Acid anhydrides, Oxidizing agents

Hazardous decomposition products

Other decomposition products - Hazardous decomposition products formed under fire conditions.-
Carbon oxides, Hydrogen bromide gas
Other decomposition products-No data available.

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Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity:
LD50 Oral-Mouse-652 mg/kg (2-Bromophenol)

Skin corrosion/irritation
No data available (2-Bromophenol)

Serious eye damage/eye irritation
No data available (2-Bromophenol)

Respiratory or skin sensitization
No data available (2-Bromophenol)

Germ cell mutagenicity
No data available (2-Bromophenol)

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.

Reproductive toxicity
No data available (2-Bromophenol)

Specific target organ toxicity - single exposure
Inhalation-May cause respiratory irritation. (2-Bromophenol)

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available (2-Bromophenol)

Additional Information
RTECS: SJ7875000
Depending on the intensity and duration of exposure, effects may vary from mild irritation to severe destruction of tissue. (2-Bromophenol)

Section 12: Ecological Information

Toxicity: Toxicity to daphnia and other aquatic invertebrates

Persistence - degradability : No data available.

Bioaccumulative potential : Not established.

Mobility in soil : No data available (2-Bromophenol)

Section 12: Ecological Information (Continued)

Results of PBT and vPvB assessment : **This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.**

Other adverse effects : **Very toxic to aquatic life.**

Section 13: Disposal Considerations

Waste treatment methods

Product: **Burn in a chemical incinerator equipped with an afterburner and scrubber b highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company.**

Contaminated packaging: **Dispose of as unused product.**

Section 14: Transport Information

Land transport (ADR-RID)

Proper shipping name : **FLAMMABLE LIQUID, N.O.S. (2-Bromophenol)**
UN N° : **1993**
ADR - Class : **3**

Sea transport (IMDG) [English only]

Proper shipping name : **FLAMMABLE LIQUID, N.O.S. (2-Bromophenol)**
UN N° : **1993**
IMO-IMDG - Class or division : **3**
IMO-IMDG - Packing group : **III**

Air transport (ICAO-IATA) [English only]

Proper shipping name : **Flammable liquid, n.o.s. (2-Bromophenol)**
UN N° : **1993**
IATA - Class or division : **3**
IATA - Packing group : **III**

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Section 15: Other Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical Safety Assessment
For this product a chemical safety assessment was not carried out.

Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

Disclaimer:

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