



Product Name: N-BUTYL CHLORIDE CAS No.: 109-69-3 Version: 0

1. Identification

Product Code : 90069

Company Name : Advent Chembio Private Limited

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2. Hazards Identification

Hazard classification

Flammable liquids : Category 2
Aspiration hazard : Category 1
Chronic aquatic toxicity : Category 3

Labels elements Hazard symbol





Signal word : Danger

Hazard statement : Highly flammable liquid and vapour.

May be fatal if swallowed and enters airways. Harmful to aquatic life with long lasting effects.

Precautionary statement: Keep away from heat, hot surfaces, sparks, open flames and

other ignition sources. No smoking. Avoid release to the environment.

IF SWALLOWED: Immediately call a POISON

CENTER/doctor.

Do NOT induce vomiting.

Store in a well-ventilated place. Keep cool.

3. Composition/information on ingredients

Ingredient : Butyl chloride

CAS No. : 109-69-3

Percent : NLT 99.5%





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Formula : C4H9Cl

Molecular Weight : 92.57 g/mol

4. First Aid Measures

Description of first aid measures

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

in attendance.

Inhalation : Remove victim to fresh air and keep at rest in a position

comfortable for breathing. Get medical advice/attention if you

feel unwell.

Skin contact : Remove/Take off immediately all contaminated clothing.

Gently wash with plenty of soap and water. If skin irritation or

rash occurs: Get medical advice/attention.

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.

Swallowed : Get medical advice/attention if you feel unwell. Rinse mouth.

Most important symptoms and effects, both acute and delayed Indication of any immediate medical attention and special treatment needed Treatment

: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

: No data available

5. Fire fighting measures

Extinguishing media

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or

carbon dioxide.

Special hazards arising from the:

substance or mixture

: Carbon oxides, Hydrogen chloride gas

Advice for firefighters : Wear self contained breathing apparatus for firefighting if

necessary.

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.





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Environmental precautions : Do not let product enter drains.

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 (see section 13).

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 build up of

practice. Wash hands before breaks and at the end of workday.

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.

8. Exposure Controls / Personal Protection

Exposure limit : No data available

Appropriate engineering : Handle in accordance with good industrial hygiene and safety

controls

Personal protective equipment
Respiratory protection : Dust respirator. Follow local and national regulations

Hand protection : Protective gloves.

Eye protection : Safety glasses. A face-shield, if the situation requires.

Skin and Body Protection : Protective clothing. Protective boots, if the situation requires.

9. Physical and Chemical Properties

Appearance : Clear colorless liquid
Odor : No data available
pH : No data available
Melting point/freezing point : -123 °C - lit.
Initial boiling point and boiling : 77-78°C

range

Flash Point

Vapor pressure

Vapor density

Relative density

Solubility in water

Solubility (other)

: -12 °C - closed cup
No data available
No data available
: No data available
: No data available
: No data available

10. Stability and Reactivity

Reactivity : No data available





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Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous : No data available

reactions

products

Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents, Strong bases

Hazardous decomposition: Hazardous decomposition products formed under fire conditions. -

Carbon oxides, Hydrogen chloride gas

11. Toxicological Information

Information on toxicological effects

Acute toxicity : No data available

Skin corrosion/irritation : No data available Serious eye damage/eye : No data available

irritation

Respiratory or skin sensitization: No data available

Germ cell mutagenicity : No data available

Carcinogenicity

IARC : No data available

NTP : No data available

OSHA : No data available

Reproductive toxicity: No data availableRoute of Exposure: No data availableSigns and Symptoms of: No data available

Exposure

12. Ecological Information

Toxicity : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available.
Other adverse effects : No data available.

13. Disposal consideration

Disposal instructions : Offer surplus and non-recyclable solutions to a licensed

disposal company.

Contaminated packaging : Dispose of as unused product.





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14. Transport Information

	UN No.	UN proper shipping name	Hazard	Packaging	Marine
			Class(es)	group	Pollutant
DOT	1127	CHLOROBUTANES	3	II	NO
IMDG	1127	CHLOROBUTANES	3	II	NO
IATA	1127	CHLOROBUTANES	3	II	NO

15. Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture No Data Available.

16. Other Information

Issue Date:11/09/2016

Version : 0

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