

MATERIAL SAFETY DATA SHEET**Product Name:** Acetanilide**CAS No.:** 103-84-4**Version:** 0**1. Identification**

Product Code : 90901
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2. Hazards Identification**Hazard classification**

Acute toxicity, Oral : Category 4

Label elements**Hazard symbol**

Signal word : Warning
Hazard statement : Harmful if swallowed.
Precautionary statement : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
Other hazards which do not result in GHS classification : None.

3. Composition/information on ingredients

Ingredient	CAS No
1-Bromobutane	109-65-9

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 : 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.

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- Eye contact** : Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
- Swallowed** : Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
- Most important symptoms and effects, both acute and delayed** : To the best of our knowledge, the chemical, physical, and toxicological properties have not been Thoroughly investigated.
- Indication of any immediate medical attention and special treatment needed Treatment** : No data available

5. Fire fighting measures

- Extinguishing media**
- Suitable extinguishing media** : Use extinguishing media appropriate to Surrounding fire conditions.
- Special hazards arising from the substance or mixture** : Carbon oxides, Nitrogen oxides (NO_x)
- Advice for firefighters** : Wear self contained breathing apparatus for fire fighting if necessary
- Further information** : No data available

6. Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
- 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** : Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
- Reference to other sections** : For disposal see section 13.

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- Precautions for safe handling** : Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.
- Conditions for safe storage, including any incompatibilities** : Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Avoid breathing dust.
- Specific end use(s)** : No data available

8. Exposure Controls Personal Protection**Control parameters****Components with workplace 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**

: Use equipment for eye protection tested and approved under appropriate government standards.

Skin Protection Hand 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.

Body Protection

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

Respiratory protection

: Respiratory protection is required.

9. Physical and Chemical Properties

- Appearance** : White solid powder.
- Odor** : No data available
- pH** : 5 - 7 at 10 g/l at 25 °C
- Melting point/freezing point** : 113 - 115 °C
- Initial boiling point and boiling range** : 113 - 115 °C
- Flash Point** : 161 °C
- Vapor pressure** : 1 hPa at 114 °C

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Vapor density : No data available
Relative density : No data available
Solubility in water : 5 g/l at 20 °C
Solubility (other) : No data available
Formula : C₈H₉NO
Molecular Weight : 135.16 g/mol

10. Stability and Reactivity

Reactivity : No data available
Chemical stability : No data available
Possibility of hazardous reactions : No data available
Conditions to avoid : No data available
Incompatible materials : Strong oxidizing agents, Strong bases
Hazardous decomposition products : No data available

11. Toxicological Information**Information on toxicological effects**

Acute toxicity : LD50 Oral - Rat - 800 mg/kg
Skin corrosion/irritation : No data available
Serious eye damage/eye irritation : No data available
Respiratory or skin sensitization : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : No data available
Reproductive toxicity : 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.

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- Toxicity** : Toxicity to fish LC50 - Lepomis macrochirus - 100 mg/l - 96 h
- Persistence and degradability** : Biodegradability- Result: > 90 % - Readily biodegradable (OECD Test Guideline 301D).
- Bioaccumulative potential** : No data available.
- Mobility in soil** : No data available.
- Results of PBT and vPvB assessment** : No data available.
- Other adverse effects** : Harmful to aquatic life.

13. Disposal consideration

- Disposal instructions** : Discharge, treatment, or disposal may be subject to national, state, or local laws.
- Contaminated packaging** : Offer rinsed packaging material to local recycling facilities. Since emptied containers retain product residue, follow label warnings even after container is emptied.

14. Transport Information

	UN No.	UN proper shipping name	Hazard Class(es)	Packaging group	Marine Pollutant
DOT			Not dangerous goods		
IMDG			Not dangerous goods		
IATA			Not dangerous goods		

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.

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