

Material Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name: POOLCURE®
Chemical Name: Sodium bromide biocide
Material Safety Data Sheet Date: January 2008
Company Identification: Total Pool Chemicals Limited
 Unit 1, Pool Bank Park, High Street,
 Tarvin. Chester CH3 8JH

2. COMPONENT INFORMATION:

<i>No.</i>	<i>Cas Reg. No.</i>	<i>Weight (%)</i>
1. Sodium bromide	7647 - 15 - 6	>40
2. Sodium chloride	7647 - 14 - 5	>1

See Section 8, Exposure Controls / Personal Protection

EEC Risk Classification

See Section 13, Regulatory Information

This product is a preparation

3. HEALTH EFFECTS FROM OVER EXPOSURE

Primary Routes of Exposure: Inhalation, Skin Contact, Eye Contact

Inhalation: Repeated or prolonged exposure can cause the following:
 - irritation of nose and throat.

Eye Contact: Material can cause the following:
 - slight irritation

Skin Contact: Prolonged or repeated skin contact can cause the following:
 - slight skin irritation.

4. FIRST AID PROCEDURES

Inhalation: Move subject to fresh air. Give artificial respiration if breathing has stopped

Eye Contact: Flush eyes with running water. Consult a doctor if irritation persists.

Skin Contact: Wash affected skin areas thoroughly with water.
 Consult a doctor if irritation persists.

Ingestion: If swallowed, give 2 glasses of water to drink. Never give anything to mouth of unconscious person. Consult a doctor.

5. FIRE FIGHTING INFORMATION

Flash Point: Not Applicable

Auto-Ignition Temperature: Not Applicable

Lower Explosive Limit: Not Applicable

Upper Explosive Limit: Not Applicable

Unusual Hazards: Combustion generates toxic fumes of the following :
bromine gas , sodium oxide.

Extinguishing Agents: Use extinguishing media appropriate for surrounding fire.

Personal Protective Equipment: Wear self contained Breathing apparatus (pressure demand MSHA / NIOSH approved or equivalent) and full protective gear.

Special procedures: Use water spray to cool containers exposed to fire.
Minimise exposure DO NOT breathe fumes. Contain run-off

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear gloves made of the following material:
- butyl rubber-natural rubber.
Additional personal protective equipment should include the following:- safety glasses (ANSI Z87.1 or approved equivalent).

Procedures: Transfer spilled material to suitable container for recovery or disposal. See WASTE DISPOSAL section for information regarding the disposal of contained spills.

7. HANDLING AND STORAGE

Storage Conditions Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Limit Information**

No	Name	CAS REG No	Weight %
1	Sodium Bromide	7647-15-6	>40
2	Sodium Chloride	7647-14-5	<1

PERSONAL PROTECTION MEASURES

Eye Protection: Use safety glasses (ANSI Z87.1) or approved equivalent.

Hand Protection: Avoid skin contact. When using this substance, use skin protection:- Butyl rubber - Natural rubber.

Other Protection: n/a.

Other Protective Equipment: Facilities storing or utilising this material should be equipped with an eyewash facility

9. TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Colour: Colourless liquid

Freezing Point: Minus 8 degrees Centigrade

Boiling Point: 100 °C

Specific Gravity: 1.18 (Water=1)

Odour Characteristic: Odourless

State: Aqueous solution

10. STABILITY AND REACTIVITY INFORMATION

Instability: This material is considered stable. However, avoid temperatures above 800 C / 1472 F.

Hazardous Decomposition

Products: Thermal decomposition may yield the following:-
bromine gas - sodium oxide - hydrogen bromide.

Hazardous Polymerisation: Product will not undergo polymerisation.

Incompatibility: Avoid contact with the following:- heavy metal salts
- bromine trifluoride

11. TOXICOLGICAL INFORMATION**Acute Data:**

Dermal LD50 - rabbit: > 2000 mg/kg
Oral LD50 - rat: 4200mg/kg
Eye Irritation - rabbit: slight irritation
Skin Irritation - rabbit: practically no irritation
Mutagenicity Data: Non-mutagenic

12. ECOLOGICAL INFORMATION**ENVIRONMENTAL TOXICITY**

Mallard Duck, Dietary LC50:----- > 5633 ppm
Bobwhite Quail, Dietary LC50:-----> 5633 ppm
Bobwhite Quail, Oral LD50:-----> 2250 mg/kg
Rainbow Trout (Salmo gairdneri), 96 Hour LC%) Static:-----> 1000 mg/l
Bluegill Sunfish (Lepomis Macrochirus), 96 Hour LC50 Static:-----> 1000 mg/l
Daphnia Magna, 48 Hour EC50:-----> 1000 mg/l

13.WASTE DISPOSAL

Procedure: For disposal, incinerate or landfill this material at a facility that complies with local, state and federal regulations.

14. TRANSPORT INFORMATION

ADR Class Not regulated for transport
 IMO Class Not regulated for transport
 IATA Class Not regulated for transport

15. REGULATORY INFORMATION

EEC This product satisfies all the requirements of the European Inventory of Existing Chemical Substances (EINECS)

EINECS Information

No.	Cas Reg. No.	EINECS
1. Sodium bromide	7647 - 15 - 6	2315999
2. Sodium chloride	7647 - 14 - 5	2315983

Indications of Danger This substance is not hazardous according to EEC Directives 67/548/EEC and 88/379/EEC

16. OTHER INFORMATION

<i>Total Pool Chemicals Hazard</i>		<i>Scale</i>
<i>Rating.</i>		4 = Extreme
Toxicity	1	3 = High
Fire	0	2 = Moderate
Reactivity	0	1 = Slight
Special	-	0 = Insignificant

ABBREVIATIONS:

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
PEL	Permissible Exposure Limit
TWA	Time Weighted Average
STEL	Short-Term Exposure Limit
BAC	Butyl Acetate

The information contained herein relates only to the specific material identified. Total Pool Chemicals Limited believes that such information is accurate and reliable as of the date of this material safety data sheet, but representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability or completeness of the information. Total Pool Chemicals Limited urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.