

# MATERIAL SAFETY DATA SHEET

**CLASSIFICATION OF MATERIAL:***Hazardous under Worksafe Australia Guidelines***COMPANY DETAILS**

COMPANY	Delshine Chemicals
ABN NUMBER	78-805-588-343
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**IDENTIFICATION**

<b>Product Name:</b>	<b>Bromine Tablets</b>		
Other Names:	Not applicable		
Shipping Name	Oxidising Solids, N.O.S		
UN Number:	1479		
Hazchem Code:	1Y	Packaging Group:	11
Dangerous Goods Class:	5.1		
Sub Risk:	None Allocated		
Poisons Schedule:	S6		
Use:	Sanitising agent for Spa baths.		

**PHYSICAL DESCRIPTION / PROPERTIES**

Appearance:	White crystalline tablets with pungent odour.		
Boiling Point (°C):	120-145	Melting Point C.°	Decomposes at 165°C
Specific Gravity	1.8 -2.0		
Vapour Pressure			
(Pa or mm of Hg at 25°C):	No data		
Flashpoint (°C):	No data		
Flammability Limits (%):	Not applicable		
Solubility in Water (g/L):	1.5g/l @20°C	PH:	Not applicable
Other properties:	No data		

**INGREDIENTS**

<b>Chemical Entity:</b>	<b>CAS No:</b>	<b>Proportion (% mass)</b>
Bromine	16079-88-2	>60

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

Acute:	Severe Irritant.
Swallowed:	Harmful if swallowed. Do not induce vomiting.
Eye:	May cause temporary or permanent eye damage.
Skin:	Prolonged skin contact will cause severe burns. Exposure to wet skin may cause severe irritation.
Inhaled:	Irritant to upper respiratory tract, shortness of breath, headache and nausea.

### FIRST AID

Swallowed:	If swallowed, do not induce vomiting, wash mouth out thoroughly with plenty of water and give water or milk to drink. Get urgent medical attention.
Eye:	Holding the eyelids apart, flush eyes promptly with copious flowing water for at least 20 minutes, seek medical attention immediately.
Skin:	Remove contaminated clothing. Wash skin thoroughly with mild soap and plenty of water for at least 15 minutes. Wash clothing before re-use, seek medical attention immediately.
Inhaled:	In case of dust inhalation or breathing fumes released from heated material, remove person to fresh air, keep warm and rested. Apply artificial respirator if necessary and seek medical attention immediately.

### PRECAUTIONS FOR USE

<b>Exposure Standards</b>	Not established
<b>Engineering Controls:</b>	Use local exhaust as necessary, especially under dust conditions.

### PERSONAL PROTECTION

Eye:	Chemical safety goggles.
Hand:	PVC gloves.
Respirator Type:	Approved respirator.
Protective Clothing:	Body covering clothes and boots.

**SAFE HANDLING INFORMATION**

- Storage:** Keep containers tightly closed. Keep away from all sources of ignition. Store in a dry, cool (20-30°C), well ventilated area away from incompatible materials.
- Transport:** As per Class 5.1 materials.
- Incompatibilities:** Oxidising agents, combustible organic materials, bases.
- Spills:** Evacuate area, use dust respirator, rubber gloves and chemical safety goggles. Sweep up, place in a suitable container and hold for waste disposal. Avoid raising dust, ventilate area and wash spill site after material pickup is complete. Avoid access to streams, lakes and ponds.
- Disposal:** Dispose of in approved landfill sites or an approved incinerator. Crush and bury empty containers, avoid access to streams, lakes and ponds. Observe all federal, state and local environment regulations when disposing of this material.
- Flammability:** Not flammable.
- Fire/Explosion Hazard:** When heated to decomposition, may release poisonous and corrosive fumes of HBr, NO<sub>x</sub> and HCl. Strong oxidising agent. Forms explosive mixtures with combustibles, organic or other easily oxidisable materials.
- Acceptable Extinguishing Methods:** Dry powder, carbon dioxide or water spray.

**OTHER INFORMATION****Hazard Classification**

- C Corrosive  
N Dangerous to the environment  
Xi Harmful

**Risk Phrases**

- R35 Causes severe burns  
R41 Risk of serious eye damage

**Safety Phrases**

- S22 Do not breathe in dust  
S23 Do not breathe in vapour  
S24/25 Avoid contact with skin and eyes  
S36/37/39 Wear suitable protective clothing gloves, and eye face protection  
S62 If swallowed do not induce vomiting seek medical advice immediately and show this container or label.

**CONTACT POINT – Les Buss – TELEPHONE (08) 9309 4222**

**AUTHORISATION FOR ISSUE**

\_\_\_\_\_  
Les Buss

**DATE**

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