MATERIAL SAFETY DATA SHEET

CLASSIFICATION OF MATERIAL:
Hazardous under Worksafe Australia Guidelines

COMPANY DETAILS

COMPANY	Delshine Chemicals
ABN NUMBER	21 009 447 769
ADDRESS	30 Prindiville Drive, Wangara
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IDENTIFICATION

Product Name: **Bromine Tablets**

Other Names: Not applicable

UN Number:	1479		
Hazchem Code:	1WE	Packaging Group:	11
Dangerous Goods Class:	5.1		
Sub Risk:	None Allocated		
Poisons Schedule:	S7		
Use:	Sanitising agent for Spa baths.		

PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	White crystalline tablets with pungent odour.		
Boiling Point (°C):	No data	Melting Point:	No data
Specific Gravity Kg/Lt	No data		
Vapour Pressure (Pa or mm of Hg at 25°C):	No data		
Flashpoint (°C):	No data		

Physical Description/Properties cont.

Flammability Limits (%): Not applicable

Solubility in Water (g/L): Not applicable PH: Not applicable

Other properties: No data

INGREDIENTS

Chemical Entity:	CAS No:	Proportion (% mass)
Bromine	7789-00-6	<10%

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

Exposure Standards Not established

Engineering Controls: 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, NOx and HCI. 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

Carc.	Cat.2; Toxic
Muta.	Cat.2; Toxic
Xi	Irritant
N	Dangerous to the environment

Risk Phrases

R36/37/38	Irritating to eyes, respirator system and skin.
R43	May cause sensitization by skin contact.
R46 (2)	May cause heritable genetic damage.
R49 (2)	May cause cancer by inhalation.
R50	Very toxic to aquatic organisms.
R53	May cause long term adverse effects in the aquatic environment.

Safety Phrases

S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28	After contact with skin, wash immediately with plenty of water and soap.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label whenever possible).

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

AUTHORISATION FOR ISSUE _____ **DATE** _____/_____/_____
Les Buss

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