

# MATERIAL SAFETY DATA SHEET

## CLASSIFICATION OF MATERIAL:

*Hazardous under Worksafe Australia Guidelines*

## COMPANY DETAILS

COMPANY	Delshine Chemicals
ABN NUMBER	78-805-588-343
ADDRESS	Unit 1 /30 Prindiville Drive, Wangara
TELEPHONE NUMBER	(08) 9309 4222
EMERGENCY TELEPHONE NUMBER	041 992 7281

## IDENTIFICATION

<b>Product Name:</b>	<b>Spa pH Reducer</b>		
Other Names:	Sodium Pyrosulfate, Sodium acid sulfate, sodium hydrogen sulfate.		
Shipping Name	Corrosive Solid Acidic. Inorganic. N.OS		
UN Number:	3260		
Hazchem Code:	2X	Packaging Group:	111
Dangerous Goods Class:	8		
Sub Risk:	Not applicable		
Poisons Schedule:	S5		
Use:	Reducing pH in spa baths.		

## PHYSICAL DESCRIPTION / PROPERTIES

Appearance:	White crystals or powder, odourless.		
Boiling Point (°C):	No Data	Melting Point:	180°C
Specific Gravity Kg/Lt:	1.43		
Vapour Pressure (Pa or mm of Hg at 25°C):	No data		

### Physical Descriptions / Properties cont.

Flashpoint (°C): Not applicable

Flammability Limits (%): Not applicable

Solubility in Water (g/L): 280g/L at 25°C

PH: 15 sol. Is 1.3, bulk density 1.4-1.5 kg/L

Other properties: Not applicable

## INGREDIENTS

**Chemical Entity:**  
Sodium Bisulfate

**CAS No:**  
7681-38-1

**Proportion (% mass)**  
>60%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

Acute: Effects are principally irritation due to acidic properties.

Swallowed: Product is acidic. Highly corrosive to mucous membranes. Oral LD50 – no information.

Eye: Risk of serious damage to eyes.

Skin: Dust is very irritating, especially when wet.

Inhaled: Dust is very irritating.

Chronic: No data available.

## FIRST AID

Swallowed: Do not induce vomiting. Give 1-2 glasses of water and transport to doctor or hospital immediately.

Eye: Hold affected eye open and flush with running water for at least 15 minutes.

Skin: Remove all contaminated clothing and wash affected area with plenty of soap and water.

Inhaled: Remove patient to fresh air and seek medical advice.

## **First Aid cont.**

Advice to Doctor: Treat symptomatically.

First Aid Facilities: Ensure an eye bath and safety shower are available and ready for use.

## **PRECAUTIONS FOR USE**

### **Exposure Standards**

Time weighted average (TWA) – none available.

### **Engineering Controls:**

Good ventilation. Avoid generating dust when in use.

## **PERSONAL PROTECTION**

Eye: Dust mask and goggles.

Hand: Natural rubber or neoprene gloves.

Respirator Type: Where an inhalation hazard exists, use a particulate filter respirator selected to AS 1715.

Protective Clothing: Protective overalls.

## **SAFE HANDLING INFORMATION**

Storage: Keep container tightly closed and dry. Keep container off wet floor.

Transport: Transport in accordance with ADG code on Class 8 (corrosive) materials.

Incompatibilities: Avoid contact with water.

Spills: Sweep up and collect in containers for disposal at a licensed tip. Never spray with water.

Disposal: Refer to Local and State trade waste regulations.

Flammability: Not flammable. If exposed to fire may release toxic fumes of sulfur oxides. The aqueous solution is acidic and attacks many metals with the liberation of hydrogen, which is flammable and forms explosive mixtures with air.

Fire/Explosion Hazard: When heated to decomposition, can generate toxic fumes of sulfur dioxide. Wear self contained breathing apparatus.

**OTHER INFORMATION**

**Hazard Classification**

C Corrosive

**Risk Phrases**

R34 Causes Burns  
R37 Irritating to respiratory system

**Safety Phrases**

S1/2 Keep locked up and out of reach of children  
S26 Incase of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

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

**AUTHORISATION FOR ISSUE**

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

**DATE**

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