

# **PRODUCT SAFETY DATA SHEET**

## **1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER**

Trade Name: Bio Powder (Laundry Powder)  
Supplier: Chemical Solutions  
42 Kennel Lane  
Fetcham  
Surrey KT22 9PJ  
0870 2408893

## **2 INFORMATION ON INGREDIENTS**

Product Description: A blend surfactants, builders, optical brightener and perfume.

Hazardous Ingredients:

Material or Component	CAS No	% Range	Symbol	Risk Phrases
Carbonic Acid Disodium Salt	497-19-8	40-60	Xi	36/38
Anionic Surfactant		5-10		
Sodium Metasilicate Pentahydrate	10213-79-3	1-5	C	34/37
Sodium Tripolyphosphate	7758-29-4	10-20		
Mixed Enzymes	None hazardous			

## **3 HAZARDS IDENTIFICATION**

Irritating to eyes and skin.

## **4 FIRST AID MEASURES**

Eyes: Flush out eyes with plenty of water forcing eyelids open if necessary. Obtain immediate medical attention.

Skin: Remove contaminated clothing. Wash affected area with plenty of soap and water and obtain medical attention if irritation persists.

Inhalation: Remove to fresh air at once if affected. Obtain immediate medical attention if discomfort continues.

Ingestion: Rinse out mouth thoroughly. DO NOT induce vomiting. Give drinks of water or milk and obtain medical attention immediately. NEVER GIVE DRINKS OR INDUCE VOMITING IN AN UNCONSCIOUS PERSON.

## **5 FIRE FIGHTING MEASURES**

Extinguishing Media: Not flammable. Use media best suited to surrounding fire.

Protective Equipment for Fire Fighting: Wear breathing apparatus.

## **6 ACCIDENTAL RELEASE MEASURES**

Personal Precautions: Wear protective clothing. Avoid contact with skin, eyes and clothing.

Environmental Precautions: Do not allow to enter natural water courses. If this happens notify authorities.  
Do not allow undiluted material to enter drains.

Spillages: Wash small spillages away to the drain well diluted with water, contain large spillages in sand or earth, place in suitable container and DISPOSE OF IN ACCORDANCE WITH LOCAL REGULATIONS.

## **7 HANDLING AND STORAGE**

Handling: Wear eye/skin protection. Wear rubber gloves for continuous hand use.

Storage: Store in a secure, cool, dry place away from heat sources at ambient temperatures.

## **8 PERSONAL PROTECTION/EXPOSURE CONTROLS**

Take measures to prevent eye/skin contact and ingestion. Wear gloves, goggles or face shield.

INGREDIENT: CAS No: STD LT EXP. 8hrs ST EXP. 15mins

## **9 PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Colour: White powder  
Odour: Perfumed  
pH Value: N/A  
Boiling Range (°C): 100  
Melting Point (°C): N/A  
Flash Point (°C): Not flammable  
Auto Ignition Temp. (°C): N/A  
Explosive Limits in Air: N/A  
Vapour Pressure @20°C: N/A  
Relative Density @20°C: N/A  
Solubility: Soluble  
Other Data:

## **10 STABILITY AND REACTIVITY**

Conditions to Avoid: Dampness.  
Materials to Avoid: Acids and bleach.  
Hazardous Decomposition: CO, CO2.

## **11 TOXICOLOGICAL INFORMATION**

Eye Contact: Causes irritation.  
Skin Contact: Irritant to skin.  
Ingestion: May cause irritation in the mucous membrane, throat, oesophagus and stomach.  
Inhalation: Remove to fresh air if affected.

## **12 ECOLOGICAL INFORMATION**

Biodegradability: Fully biodegradable.  
Toxicity: Non toxic.  
Effect on Effluent Treatment: Little or no effect.  
Mobility: Not significantly volatile. Very soluble in water.

## **13 DISPOSAL CONSIDERATIONS**

Product: Small spillage may be put to drain well diluted with water.  
Packages: Dispose of in accordance with waste disposal regulations.

## **14 TRANSPORT INFORMATION**

Classification for Transport: Not Hazardous  
UN Number:  
UN Proper Shipping Name:  
ADR/RID Class:  
ADR/RID Item No.:  
IMDG Packaging Group: III  
IMDG Class:

## **15 REGULATORY INFORMATION**

EEC Classification: Irritant Xi  
Risk Phrases: R36/38 Irritating to eyes and skin.  
Safety Phrases: S2: Keep out of reach of children  
S24/25 Avoid contact with skin and eyes.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek immediate medical advice.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.  
S46: If swallowed, wash out mouth, then drink plenty of milk or water, and seek medical attention immediately, showing the container

## **16 OTHER INFORMATION**

This data sheet was prepared in accordance with Directive 91/155/EEC.  
Conforms to CHIP 3 (2002)  
Revision date: December 2003