



Safety Data Sheet

Balance Pak 300

BioGuard

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1 IDENTIFICATION OF CHEMICAL.

Product Name: Balance Pak 300
Chemical Name: Calcium Chloride
Other Names: --

2. COMPOSITION.

Ingredients:	Wt%	CAS No.	EINECS No	EEC No.	Phrases
Calcium Chloride	100	10043-52-4	017-013-00-2	233-140-8	R36, S2,22,24.

3. HAZARD IDENTIFICATION

Irritant: Causes eye, skin and respiratory irritation. Avoid contact with eyes, skin or clothing. Harmful if swallowed.

4. FIRST AID MEASURES.

Skin Contact: Wash with cold water for a minimum of 15 minutes. If skin irritation persists, seek medical attention.

Eye Contact: Flush eyes with cold flowing water for at least 20 minutes. Seek medical attention immediately.

Ingestion: Drink large quantities of water. **DO NOT INDUCE VOMITING. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.** Seek medical attention

Inhalation: Remove person to fresh air and seek medical attention. If breathing difficulties, allow a trained person to administer oxygen.

Note: When seeking medical attention, always show the product label.

5. FIRE FIGHTING MEASURES.

Flammability: Not applicable

Suitable Extinguishers: Water fog

Hazardous Combustion Products are: Hydrogen chloride

6. ACCIDENTAL RELEASE MEASURES.

Use appropriate personal protective equipment as detailed in section 8.

Spillages and Leaks:

Contain the spillage as soon as possible. (Product absorbs water). Sweep up the spill and place in clean, dry plastic containers including any contaminated soil. Dispose of product in accordance with relevant local and national waste disposal legislation.

7. HANDLING AND STORAGE.

Handling: Mix only with water. Always add small quantities of product to water. **DO NOT** add water to product. Ensure all dispensing devices are clean and free from other chemicals.

Storage: Keep this product in original, sealed container when not in use. Store in a cool, dry, well-ventilated area. Keep this product and all other chemicals out of reach of children.

Avoid Contact With: **DO NOT MIX WITH OTHER PRODUCTS OR CHEMICALS.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

Exposure Limits:		8hr TWA		15min STEL		Authority
		ppm	mg/m ³	ppm	mg/m ³	
Not listed.	General exposure to inhalable dusts.	--	10	--	--	EH40
General:	General room ventilation plus local exhaust should be used to maintain dust exposure below TLV. Remove and wash contaminated clothing before reuse.					
PPE	Respiratory:	Use respiratory protection for general dust inhalation protection.				
	Skin:	Wear rubber gloves when handling this product. Avoid contact with skin.				
	Eyes:	Wear goggles or safety glasses with side shields when handling this product				

9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical State:	Solid
Odour:	None
pH:	(30% Soln) Approx 9.0
Appearance:	White to off-white.
Solubility in Water:	52g/100g water
Specific Gravity:	0.85 gm/cm ³

10. STABILITY AND REACTIVITY.

Conditions to avoid:	High temperature. Poor ventilation. Contamination. Moisture/high humidity.
Stability:	This product is stable under normal conditions.
Polymerisation:	Hazardous polymerisation will not occur under normal conditions.
Incompatible materials:	Other swimming pool/spa chemicals in their concentrated forms. Oxidizing compounds.

11 TOXICOLOGICAL INFORMATION.

LD50 (Oral RAT): 1300mg/kg
Eyes: Sever irritation and redness.
Skin: Irritation and redness. Prolonged contact may cause dermatitis.
Ingestion: Slight irritation of mouth and throat. Systemic effects
Inhalation: Irritation. Chronic effect – ulceration of nasal mucosa.

This product is not listed as a carcinogen

12 ECOLOGICAL INFORMATION.

This product may be toxic to fish and aquatic organisms.
Keep product from entering waterways and watersheds.

13 DISPOSAL CONSIDERATIONS.

Disposal Method: **DO NOT** put product, spilled product or filled or partially filled containers into the waste. Contact with incompatible materials could cause a reaction or fire. Disposal of unused, uncontaminated product is regulated according to municipal, provincial and federal regulations.

Empty Containers: **DO NOT** re-use container. Rinse thoroughly before discarding.

14 TRANSPORT INFORMATION.

UN No: Not regulated
Primary Hazard: Not regulated
Packing Group: Not regulated
Hazard ID No: Not regulated
Class: Not regulated
EAC: Not regulated

15 REGULATORY INFORMATION.

Product name: Balance Pak 300
Hazard symbol: Irritant
Risk Phrases: R36 Irritating to eyes
Safety Phrases: S2 Keep out of reach of children.
S22 Do not breathe dust.
S24/25 Avoid contact with skin and eyes.

16 OTHER INFORMATION

Recommended uses and restrictions: No further information

Further information sources:

Sources of key data used to compile Safety Data Sheet.

Approved supply list. Approved carriage list, EH40, ACIGH tables.

The data in this Safety Data Sheet has been supplied as required by the Chemicals (Hazard Identification and Packaging) Regulations 1997, as amended, for the purpose of protecting the health and safety of industrial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

This data sheet does not constitute a users assessment of the workplace risk as required by the Health and Safety at Work Act, COSHH, Management of Health and Safety at Work or other health and safety legislation.
