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1. IDENTIFICATION							
Product Name	Pool Salt; Water softener Salt						
Brand Names	Aquahealth; Poolwerx; Sunray; Pool Pro; Diamond; Lincoln; PoolStores; Ocean; Pool						
	Resources; True Pools; Crown; Culligans; CQ						
Other Names	Sodiu	Sodium chloride (salt)					
Recommended Uses	Used	Used by general public in swimming pools and for water softening applications					
and Restrictions							
Details of manufacturer	Com	pany Name	C	Cheetham Salt Limited			
and supplier of this	Street Address			Level 6, 565 Bourke Street, Melbourne, Victoria, 3000			
Safety Data Sheet	Postal Address		F	O BOX 16126, C	ollins Street West, Me	lbourne, Victoria, 8007	
	Phone			800 032 046	Fax	1800 025 110	
	International Phone			1 3 8624 6800	International Fax	61 3 8624 6880	
Emergency phone	Orga	nisation		Poisons Informa	ation Centre		
number	Loca			Australia			
	Phone			13 11 26			
2. HAZARD IDENTIFICA							
Hazard Classification			ous a	ccording to the cr	iteria of the Globally H	armonised System of	
				Labelling of Cher		aminoral dyotom or	
Signal Word		None			505 \ 51.15/		
Hazard statement		None					
Precautionary statement		None					
Dangerous Goods			rous C	foods according	to the criteria of the Au	stralian Code for the	
Classification					Road & Rail (ADG Cod		
Poisons Schedule (Austra	alia\	None	Dang	croud Coods by	TOUGH A TRUIT (ADO OUT	, o j	
3. COMPOSITION / INFO			GRE	DIENTS			
Chemical Na			OIL	Formula	CAS Number	Concentration	
Salt (sodium chloride)	anne			NaCl	7647-14-5	>99.995%	
4. FIRST AID MEASURE	-6			NaCi	7047-14-3	>99.990 /0	
		co mouth with	wata	r Give water to d	rink provided person is	conscious Novor	
Swallowed Swallowed	Rin				rink provided person is		
	Rin:	e anything by	mouth	n to an unconscio	us person. Do NOT inc	duce vomiting	
	Rin: give (vor	e anything by miting is likely	mouth to oc	n to an unconscio	us person. Do NOT inc		
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SAFETY DATA SHEET - POOL & WATER SOFTENER SALT

	a vaneur may be amitted which is porticularly irritating to the aug. Contains no water
	a vapour may be emitted which is particularly irritating to the eyes. Contains no water of crystallization. Does not react with alkalis at ordinary temperatures. When heated
	to decomposition at a very high temperature it emits toxic fumes of chlorine & sodium
	oxide.
Special Fire Fighting	Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire
Instructions	fighting water for treatment.
Personal Protective	Fire fighters should wear a positive-pressure self-contained breathing apparatus
Equipment	(SCBA) and protective firefighting clothing (includes firefighting helmet, coat,
• •	trousers, boots and gloves).
Flash Point	Non-flammable.
6. ACCIDENTAL RELEA	SE MEASURES
General Response Procedure	Recover product where practical. Contain spills to prevent release to water systems or environment.
Clean Up Procedures	Recover product where practical, vacuum or sweep up remnants (avoid generating dust) & dispose of in sealed containers to licensed waste.
Containment	Contain spills to prevent release to water systems or environment.
Environmental	Prevent the product from reaching drains or waterways.
Precautionary Measures	g a amo o mano mayor
Evacuation Criteria	Evacuate all unnecessary personnel
Personal Precautionary	Personnel involved in the clean-up should wear full protective clothing as listed in
Measures	section 8.
7. HANDLING AND STO	RAGE
Handling	Ensure an eye bath and safety shower are available and ready for use. Observe
	good personal hygiene practices and recommended procedures. Wash thoroughly
	after handling. Take precautionary measures against static discharges by bonding
	and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale
	product dust/fumes.
	Salt dust is non-flammable but static electricity can be generated by pneumatic
	conveying, therefore pipes should be bonded and earthed, especially in
	environments where a spark could prove hazardous.
Storage	Store in a cool, dry, well-ventilated area. Store away from oxidising materials. Keep
	containers tightly closed when not in use. Inspect regularly for deficiencies such as
	damage or leaks. Protect against physical damage. Store away from incompatible
	materials as listed in section 10. Due to its hydroscopic nature, salt should be stored in a dry atmosphere and away from concentrated acids. Absorbs moisture if the
	relative humidity is above 75 % Product should be stored in such a way that it does
	not present a hazard if product were to fall. This product is not classified dangerous
	for transport according to The Australian Code for the Transport of Dangerous Goods
	By Road and Rail.
Container	Suitable containers include plastic bottles or drums, multi-ply woven plastic, other
	plastic, or multi wall paper bag with sealed plastic liner. Keep out of sunlight to
	prevent deterioration of packaging material.
8. EXPOSURE CONTRO	LS / PERSONAL PROTECTION
General	No exposure standard has been established for this product by the Australian Safety
	and Compensation Council (ASCC). However, the exposure standard for dust not
	otherwise specified is 10mg/m3 (for inspirable dust) and 3mg/m3 (for respirable
	dust).
	NOTE: The exposure value at the TWA is the average airborne concentration of a
	particular substance when calculated over a normal 8 hour working day for a 5 day
	working week.
	These exposure standards are guides to be used in the control of occupational
	health hazards. All atmospheric contamination should be kept to as low a level as is
	workable. These exposure standards should not be used as fine dividing lines
	between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.
Exposure Limits	No data available
Biological Limits	No data available No data available
Engineering Measures	Under normal circumstances engineering controls are not required however if use
Linginicaling measures	creates dust to a level that is a discomfort to workers a local exhaust system is
	recommended. Structural integrity of various metals used in equipment and
	structures should be regularly checked as salt accelerates corrosion of most
Date Authorised: 20/12/16 Re	· · · · · · · · · · · · · · · · · · ·

			especially in damp conditions). Iron, steel, zinc and aluminium are ptible, while brass, bronze and stainless steel are fairly resistant		
Personal Protection	RESPIRATOR: If the process is such that salt dust is generated, a disposable face				
Equipment	mask should be worn (AS1715/1716).				
' '	EYES: Wear chemical safety goggles in situations where contact with the eyes may				
		S1336/13			
			o be worn if prolonged contact is anticipated. Dry salt and		
			utions can cause withdrawal of fluid from the skin (AS2161).		
Special Hazards	CLOTHING: Long-sleeved protective clothing and safety footwear (AS3765/2 Structural integrity of various metals used in equipment and structures should				
Precautions	regularly checked as salt accelerates corrosion of most common metals (especially				
	in damp conditions). Iron, steel, zinc and aluminium are particularly susceptible, while				
	brass, bronze and stainless steel are fairly resistant.				
Work Hygienic Practices	Skin should be washed to remove salt. Dry salt and concentrated solutions can				
	cause withdrawal of fluid from the skin. An eyewash and hand washing facilities				
O DUVOIGAL AND OUT			available.		
9. PHYSICAL AND CHEN	IICAL PR	KOPERI	Solid		
Physical State Colour			Translucent to opaque white crystals or powder		
Odour			Nil		
			6.5 – 7.5		
pH range Melting Point/Freezing P	oint		801°C		
Boiling Point	OIIIt		1413°C at 101.3 kPa		
Flash Point			Not available		
Evaporation Rate			Not available Not available		
Flammability			Not applicable		
Upper/lower flammability	v or ovni	ocivo	Not available		
limits	y or expi	OSIVE	INOL AVAIIABLE		
Vapour Pressure			Not available		
Vapour Pressure Vapour Density			Not available		
Density			2.163 gm / cc at 20°C (for solid sodium chloride)		
Solubility			35.7 gm / 100 ml @ 0°C 39.12 gm / 100 ml @ 100°C		
Partition Coefficient			Not available		
Auto Ignition Temperature			Not available		
Decomposition Temperature			Not available		
Viscosity			Not available		
10. STABILITY AND REA	CTIVITY				
		Stable u	ole under normal conditions		
		Stable.	e. Slightly hygroscopic.		
		No dang	No dangerous reaction known under conditions of normal use		
reactions					
			ncompatible materials (Bromine trifluoride, lithium, strong acids)		
			omine trifluoride, lithium, strong acids		
• • • • • • • • • • • • • • • • • • •			h heated to decomposition at a very high temperature it emits toxic		
Products			of chlorine & sodium oxide. May evolve chlorine gas when in contact ong acids		
11. TOXICOLOGICAL INI	FORMAT		ong aciao		
Acute toxicity			n: Salt is an essential constituent of the diet. It provides important		
			ectrolytes and is the source of hydrochloric acid present in the		
		gastric j	uices. The blood stream contains nearly 1% sodium chloride. In		
			industrial use salt is non-hazardous. Acute and chronic toxic effects		
			ult from the ingestion of excessive amounts of either salt or brine.		
			ould not be used as an emetic to induce vomiting. High		
			rations produce inflammatory reactions in the gastrointestinal tract cause vomiting, diarrhoea, convulsions and collapse. The		
			n of hypertonic solutions can cause fatal disturbance of body		
			te and fluid balance particularly in the young and elderly. Less than		

	a tablespoon of salt may severely poison an infant and sometimes prove
	fatal. May cause vomiting, diarrhea, anorexia, thirst, fever, and convulsion
	after excessive ingestion. Dehydration may occur in most internal organs,
	central nervous system may be affected resulting in confusion or coma.
Skin corrosion/irritation	Irritation after prolonged contact. Dry salt and concentrated solutions can
	cause withdrawal of fluid from the skin and may, on prolonged contact,
	produce irritation.
Serious eye damage/eye irritation	Dust exposure may cause physical irritation to the eyes because of the particulate nature of the product.
Respiratory or skin sensitization	Abrasive irritant to mucous membranes. May give salty taste or cause irritation to nose & throat. Symptoms could be coughing, sore and dry throat.
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Specific Target Organ Toxicity (STOT) - single exposure	No data available
Specific Target Organ Toxicity (STOT) - repeated exposure	No data available
Aspiration Hazard	No data available
Chronic	There is no consensus in the scientific community about the relationship
	between salt and hypertension / elevated blood pressure. Some medical
	practitioners believe that high levels of salt can cause hypertension, but
	there is no evidence that this is so in healthy, normotensive people. There is evidence however that severe salt restriction can lower blood pressure in
	one third to one half of individuals with hypertension. It is therefore best
	assessed on an individual basis.
Toxicity Data	Orally in rats LD 50 = 3000 mg/kg
	Orally in humans TDLO = 12357 mg/kg
12. ECOLOGICAL INFORMATION	
Exotoxicity	No data available
Persistence and Biodegradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No data available
13. DISPOSAL CONSIDERATION	
General Information	Dispose of in accordance with all local, state and federal regulations. All
	empty packaging should be disposed of in accordance with Local, State,
	and Federal Regulations or recycled/reconditioned at an approved facility.
	Contact a specialist disposal company or the local waste regulator for
	advice. Collect solid salt in a conventional manner, wash the spill area
	down with water if necessary.
14. TRANSPORT INFORMATION	
UN number	No data available
Proper Shipping Name	lodised Salt
Transport Hazard Class	No data available
Packing Group	Not applicable
Environmental hazards for	During transport, should be covered to prevent rain or physical damage.
Transport Purposes	Keep dry.
Special Precautions	Not applicable
Additional Information	Not applicable
Hazchem or Emergency Action	Not applicable
Code 15. REGULATORY INFORMATION	

Safety, health and environmental	Considered naturally occurring chemical by AICS (Australian Inventory of
regulations/legislation	Chemical Substances) when used industrially
16. OTHER INFORMATION	

SAFETY DATA SHEET - POOL & WATER SOFTENER SALT

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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.