SECTION I -	MATERIAL NAME / IDENTIFIER			
COLD TUB SANITIZER	WHMIS: D28,C,E – Regulated under the PCP Act			
MANUFACTURER'S NAME:	CAPO INDUSTRIES LTD			
STREET ADDRESS: CITY:	1200 CORPORATE DRIVE BURLINGTON, ONTARIO			
POSTAL CODE:	L7L 5R6			
EMERGENCY TELEPHONE:	CANUTEC (613) 996-6666 (COLLECT)			
CHEMICAL NAME:	Sodium Dichloro-S-Triazone Trione			
CHEMICAL NAME: CHEMICAL FAMILY:	Sodium Dichloro-S-Triazone Trione Chlorinated Isocyanurate			
••••				
CHEMICAL FAMILY:	Chlorinated Isocyanurate			
CHEMICAL FAMILY: CHEMICAL FORMULA:	Chlorinated Isocyanurate Not applicable			

SECTION II -	HAZARDOUS INGREDIENTS					
Hazardous Ingredients	Approx Conc %	C.A.S. N.A. U.N. Number	LD 50 Specify Species & Route (Oral, RAT)	LC 50 Specify Species & Route (Inhal, RAT)		
Sodium Dichloro-S- Triazinetrione	60-100	2893-78-9	670 mg/kg	Not available		

SECTION III	PHYSICAL DATA FOR MATERIAL			
PHYSICAL STATE:	GAS	LIQUID	SOLID	Х
ODOUR & APPEARANCE:	White, opaque, granular, chlorine odour			
ODOUR THRESHOLD (PPM):	Not applicable			
SPECIFIC GRAVITY:	2.03			
VAPOUR PRESSURE (MM):	Not applicable	e		
VAPOUR DENSITY (AIR-1):	Not applicable	e		
EVAPORATION RATE:	Not applicable	e		
BOILING POINT (C):	238 – 249 decomposes			
FREEZING POINT (C):	Not applicable	e		
SOLUBILITY IN WATER (20C):	30g in 100g H	H20 @ 25 deg C		
% VOLATILE (BY WEIGHT)	Not applicable			
PH:	6.5 (1% solut	ion)		
COEFFICIENT OF WATER/OIL DISTRIBUTION: Not available				

Cold Tub Sanitizer

### SECTION IV -

### FIRE & EXPLOSION HAZARD OF MATERIAL

FLAMMABILITY:		YES	NO	р X
IF YES, UNDER WHICH CONDITIONS?:				ted by other sources to 238 – 249 deg C, it will vith evolution of heat and dense, noxious fumes.
MEANS OF EXTINCTION:		Water		
SPECIAL PROCEDURES:		Wear full prot	ective c	e clothing and breathing apparatus when fire fighting
FLASHPOINT (CELSIUS) AND METHOD:		Not applicable	e	
AUTOIGNITION TEMPERATURE (CELSIU	S):	Not applicable	e	
LOWER EXPLOSION LIMIT (% BY VOLUM	1E):	Not applicable	e	
UPPER EXPLOSION LIMIT (% BY VOLUM	E):	Not applicable	e	
HAZARDOUS COMBUSTION PRODUCTS	:	Chlorine gas	and trac	aces of phosgene.

EXPLOSION DATA				
SENSITIVITY TO MECHANICAL IMPACT: No	one SENSITIVITY TO STATIC DISCHARGE: None			
SECTION V R	SECTION V REACTIVITY DATA			
CHEMICAL STABILITY:	YES NO X			
IF NO, UNDER WHICH CONDITIONS?:	Avoid contact with incompatible material and damp conditions.			
INCOMPATIBILITY TO OTHER SUBSTANCES:	YES X NO			
IF SO, WHICH ONES:	Easily oxidizable organic materials, ammonia, urea or simila nitrogen containing compounds, inorganic reducing compounds calcium hypochlorite, alkalis and acids.			
REACTIVITY AND UNDER WHAT CONDITIONS:	Not applicable			
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> At temperatures of 204 deg C and greater, chlorine gas and traces o phosgene will be liberated.				
SECTION VI TOXICOLOGIC	AL PROPERTIES OF MATERIAL			
ROUTE OF ENTRY:				
	N ABSORPTION : EYE CONTACT X			
	ALATION CHRONIC : INGESTION X			
EFFECTS OF ACUTE EXPOSURE TO MATERIAL SKIN: Corrosive	-			
EYE: Corrosive				
<b>INHALATION:</b> Fumes may produce eye, nose, the	throat and respiratory tract irritation.			
<b>INGESTION:</b> This product may be harmful if sw	wallowed. Corrosive to mucous membranes.			
EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: None known				
OTHER HEALTH EFFECTS: None known				
LD 50 OF MATERIAL (Specify Species and Routes): See Section II				

Cold Tub Sanitizer

LC 50 OF MATERIAL (Specify Species and Routes): See Section II				
EXPOSURE (LIMITS):	Chlorine – TWAEV – 1ppm, 3mg/m3 - STEV - 3ppm, 4mg/m3			
	(May be found in head space of containers)			
IRRITANCY OF MATERIAL:	Strong irritant of skin, eye, nose and throat.			
SENSITIZATION OF MATERIA	None known.			
SYNERGISTIC MATERIALS:	None known			
CARCINOGENICITY, MUTAGENICITY, REPRODUCTIVE EFFECTS, TERATOGENICITY: None known				
SECTION VII	PREVENTATIVE MEASURE			
	PERSONAL PROTECTIVE EQUIPMENT			
GLOVES (Specify):	Rubber gloves if skin contact is likely.			
EYE (Specify):	Safety glasses if eye contact is likely.			
RESPIRATORY (Specify):	Use NIOSH/NSHA approved dust or vapour mask when airborne exposure limits are exceeded.			
OTHER (Specify):	Protective clothing if contact is likely.			
ENGINEERING CONTROLS (e.	g. Ventilation, Enclosed Process – Specify): Use in a well ventilated area.			
LEAK AND SPILL PROCEDUR	E: If material is spilled, clean up as soon as possible to prevent contamination with a material with which it may react. Keep spilled material dry. Sweep up and place material in a dry, clean container.			
WASTE DISPOSAL:	If material is dry, disposal by incineration is recommended. Alternate method for disposal is by neutralizing to a nonoxidizing residue. Keep unneutralized material out of sewers, watersheds and water systems.			
HANDLING PROCEDURES AND EQUIPMENT: Avoid skin, eye and clothing contact. Use in well ventilated area. Wash thoroughly with soap and water after handling.				
STORAGE REQUIREMENTS:	<b>REMENTS:</b> Store in cool, dry area. Do not allow water to get into containers. Keep containers tightly closed when not in use.			
SPECIAL SHIPPING INFORMA	TION: Transportation: Dichloroisocyanuric Acid Dry Class: 5.1			
	Pkg. Group: II P.I.N./UN: 2465 1kg & under Ltd. quantity			
SECTION VIII	FIRST AID MEASURES			
	aly with seen and water. Chauld invitation perceist, contact a physician			
0	SKIN: Wash thoroughly with soap and water. Should irritation persist, contact a physician.			
•	h plenty of water for 15 minutes. Seek medical attention.			
INHALATION: Remove person to fresh air. Call a physician.				
<b>INGESTION:</b> Drink 2 or 3 glasses of water or milk. Do not induce vomiting. Contact a physician.				
<b>NOTE TO PHYSICIAN:</b> Proba	ble mucosal damage may contraindicate the use of gastric lavage.			

#### SECTION IX

#### **PREPARATION DATE OF M.S.D.S.**

**TELEPHONE:** 

(905) 332-6626

PREPARED BY (Group, Department, etc.): PLANT CHEMIST

PREPARATION DATE: May 1, 2013 DATE OF LATEST REVISION/REVIEW: ADDITIONAL NOTES OR REFERENCES:

While Capo Industries Ltd. believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Capo Industries Ltd. assumes legal responsibility. They are offered solely for your consideration and verification. Any use of this data and information must be determined by the user to be in accordance with applicable Federal, Provincial and local laws and regulations.