

SAFETY DATA SHEET

CHEMSYN CHLOR2 POWDER CHLORINE CLEANER



Section 1. Product Information			
Product Name: Chemsyn Chlor2 Powder Chlorine Cleaner		Supplier:	Chemsyn Services Inc.
Item Code: WW-C-1013-0-04	Emergency Contact:		Address:
Product Use: Chlorine Powder Cleaner	1-833-888-2436, Mon to Fri, 9:00 a.m. to 5:00 p.m.		485 Millway Avenue, Unit 2 Concord, Ontario L4K 3V4 Canada T:1-833-888-CHEM (2436) www.chemsyn.com
Section 2. Hazard Identification			
GHS Classification: Skin Corrosion Category 1C, Eye corrosive Category 1			
Section 2.1 - Label Elements			
Hazard Pictograms 		Precautionary Statements:	
Signal Word: Danger		Wear protective gloves and eye protection. Wash thoroughly after handling. Do not breathe mist or dust. IF ON SKIN(or hair): Remove immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse.	
Hazard Statements: Causes severe skin burns and eye damage.		IF IN EYES: Rinse cautiously with water for several minutes. Remove contacts if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth, Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest position comfortable for breathing. Immediately call a POISON CENTER or physician.	
Section 3 - Composition			
Chemical Name	CAS #	Percent	
Sodium Carbonate	497-19-8	45	
Sodium Metasilicate	6834-92-	20	
Sodium Tripolyphosphate	7758-29-	12	
Section 4 - First Aid Measures			
Skin: Wash off with soap and plenty of water. Consult a physician if burns occur.			
Eyes: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.			
Inhalation: Move person into fresh air. If not breathing, give artificial respiration. Consult a physician if you feel unwell.			
Ingestion: Give a teaspoonful of milk of magnesia, followed by milk or water to dilute material, and/or raw egg whites. DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON			
Section 5 - Fire and Explosion Hazard Data			
Flash Point:	Limits	Extinguishing Media:	Special Fire Fighting Procedures: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.
none	LEL	NA	UNUSUAL FIRE & EXPLOSION HAZARD: Product will not burn.
	UEL	NA	
Section 6 - Accidental Release Measures			
Sweep up spills and dispose of in suitable containers.			

Section 7 - Handling and Storage									
For institutional and industrial use. Not intended for consumer use. Store locked up in original closed container.									
Section 8 - Exposure Controls/PPE									
Ingredient	OSHA PEL:	ACGIH TLV	PP			General Hygiene Considerations:			
Sodium Carbonate	NE	NE	Respiratory:	not normally required		Handle in accordance with good industrial hygiene and safety practices. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.			
Sodium Tripolyphosphate	15mg/m ³	10mg/m ³	Eye:	safety glasses, face shield					
Sodium Metasilicate	2mg/m ³	2mg/m ³	Skin:	chemical resistant gloves					
			Ventilation	Normal Room Ventilation					
Section 9 - Physical and Chemical Properties									
Appearance	Odour	Odour Threshold	pH	Melting Point	Boiling Point	Evaporation Rate	Flammability	Upper/Lower Flammability Limits	Vapor Pressure
white powder	chlorine	NE	NA	NE	NE	>1(water =1)	NA	NA	NA
Vapor Density	Density	Specific Gravity	pH(use dil)	Solubility (water 77° F)	Partition Coefficient	Auto Ignition Temp	Viscosity	Decomposition Temperature	
NA	NA	NA	14	>10%	NE	NA	NA	NA	
Section 10 - Stability and Reactivity									
Product is stable. Hazardous Polymerization: Will not occur. Incompatibility (Materials to Avoid): Strong acids, Ammonia.. Hazardous Decomposition Products: None									
Section 11- Toxicological Information									
Ingredient	Acute toxicity (oral LD50) rat	Acute Toxicity (Derm. LD50) rabbit	Skin and Eye	Carcinogen	Mutagen	Reproduct. Toxicity	STOST -single Exposure	STOST Repeated exposure	
Sodium Carbonate	2800mg/kg	>2000mg/kg	eye irritant	No	No	none	none	none	
Sodium Tripolyphosphate	> 5000mg/kg	>7000mg/kg	eye-irritating	No	No	none	none	none	
Sodium Metasilicate	1500-3200mg/kg	NE	corrosive	No	No	none	none	none	
Other:									
Section 12 - Ecological Information					Section 13 - Disposal Considerations				
No information available					This product in its original form is not defined as a hazardous waste by the RCRA. Dispose of in accordance with local, state and federal regulations.				
Section 14 - Transport Information									
UN Number	Basic Description (DOT)					Class	Packing Group	LTD QTY	
UN3262	Corrosive Solid, Basic, Inorganic, n.o.s(contains sodium metasilicate, anhydrous)					8	III	11lbs	
Section 15 - Regulatory Information									
SARA Title 3: Does not contain reportable chemicals under sections 302, 304, or 313 of Title III of the Superfund amendments and Reauthorization Act of 1986.									
CERCLA: No reportable quantity. For more information consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68									

Section 16 - Other Information

WHMIS:			HMIS :	Health - 2	Flam. - 0	R - 1	PPE - B
Date Prepared: 09-14-23		Date Reviewed: 06-30-25	Prepared by: Environmental, Health and Safety Administrator.				
The information provided in this Safety Data Sheet is correct to the best of our knowledge, and belief at the date of its publication. The information given is designed only as 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 materials or in any process, unless specified in the text.							
Legend for Abbreviations: NA - not applicable NE - Not Established							