Safety Data Sheet
Chlorine Dry Bleach

SECTION I - IDENTIFICATION

Rite-Kem, Inc.
645 Westmoreland Drive
Tupelo, MS 38801
(662) 840-6060
Chemtrec :..... (800) 424-9300

Product Number	CHL-DRY-BLCH
Product Name	Chlorine Dry Bleach
Synonyms	NSN 6850-00-063-2842; 6850-00-063-2843
CAS Number	Multiple
Date Prepared	5/28/2015
Revision Number	4/19/2018
Recommended Use	Industrial Use Only

SECTION II - HAZARDOUS IDENTIFICATION

GHS CLASSIFICATION:

Classification

Corrosive to Metals	Category 1
Acute Toxicity, Oral	Category 5
Acute Toxicity, Dermal	Category 4
Acute Toxicity, Inhalation	Category 5
Hazardous to the aquatic environment, acute hazard	Category 2

WARNING!

GHS LABEL:

Hazard Statements

H290	May be corrosive to metals
H303	May be harmful if swallowed
H312	Harmful in contact with skin
H333	May be harmful if inhaled
H401	Toxic to aquatic life

Precautionary Statements

P234	Keep only in original packaging
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352	IF ON SKIN: Wash with plenty of water/…
P304+312	IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P312	Call a POISON CENTER or a doctor/physician if you feel unwell.
P321	Specific treatment (see … on this label).
P362+364	Take off immediatley all contaminated clothing and wash it before reuse.
p390	Absorb spillage to prevent material damage.
P406	Store in a corrosive resistant/... container with a resistant inner liner.
P501	Dispose of contents/container to…

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

The precise composition of this product is proprietary information. In the event of a medical emergency, a complete disclosure will be provided to medical personnel.

Component Name	CAS #	Component%	OSHA PEL	ACGIH TLV
Calcium hypochlorite	7778-54-3		Not Established	Not Established
Sodium Carbonate	497-19-8		) mg/m³ (Total Dus	/m³ (Restorable D

SECTION IV - FIRST AID MEASURES

Contact with eyes: Flush with water for 15 minutes. Seek immediate medical attention.

Skin contact: Wash exposed areas with water and mild soap. Remove contaminated clothing immediatelyand launder before reuse. If irritations persist, seek immediate medical attention.

If irritation occurs, rinse with plenty of water. Seek medical advise if needed

Inhalation: Remove victim to fresh air. Administer oxygen or artificial respiration if breathing is affected or stopped. Seek immediate medical attention.

Ingestion: If swallowed. Do not induce vomiting. Seek immediate medical attetntion.

Give large quantities of water . Never give anything by mouth to an unconsciuous person.

If vomiting occurs, keep head below hips to prevent aspiration into lungs.

SECTION V - FIREFIGHTING MEASURES

Suitable Extinguishing Media: Water fog, foam, CO2, dry chemical.

Special Fire Fighting Procedures Use self-contained breathing apparatus and full bunker gear in fire areas. Evacuate all unprotected personnel from area. Keep containers cool with water fog to minimize swelling taking care not to spread flames with water used for cooling.

Unusual Fire Fighting Hazards: Avoid possible spontaneous combustion by proper disposal.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal Precautions: Evacuate all unprotected personnel from the area.

Environmental Precautions: Contain spill if it can be done with minimal risk.
Notify proper authorities.

Methods for Cleaning Up: Dilute with large amounts of water and rinse to sewer

SECTION VII - HANDLING AND STORAGE

Handling and Storage:

- Keep containers tightly closed when not in use.
- Indoor storage must meet OSHA standards and fire codes.
- Avoid prolonged breathing of mist or vapor. Wash thoroughly after handling. Vent container carefully before opening. Bond and ground all equipment when transferring from one vessel to another. The use of ecplosion-proof equipment is recommended. "Empty" containers retain residue and/or vapor and may be dangerous. Do not cut, weld, braze solder, drill, grind or expose such containers to heat, flames, sparks, or other ignition sources. Keep containers tightly closed when not in use.
- Avoid contact with eyes.
- Avoid prolonged skin contact with product concentrate and solutions.

SECTION VIII - PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component Name	CAS #	OSHA PEL	ACGIH TLV
Calcium hypochlorite	7778-54-3	Not Established	Not Established
Sodium Carbonate	497-19-8	10 mg/m³ (Total Dust)	mg/m³ (Restorable Du

Engineering Controls: Adequate local or mechanical to reduce vapor or mist to below the PEL or TLV.

Monitoring: Do not eat, drink or smoke in areas where this chemical is uised or stored.
Wash hands prior to eating, drinking or using the restroom.
Have eye wash stations and safety showers readily available.
Any clothing or shoes which became contaminated with the product should be removed immeadiately and thoroughly laundered before wearing again.
Follow accepted work practices for handling a corrosive material.

Personal Protective Equipment (PPE)

Eye Protection: Goggles or approved OSHA device with side shields; do not wear contact lenses when handling this product.

Skin Protection: Impervious solvent resistent gloves. Impervious apron and work boots recommend where splashing may occur.

Respiratory Protection: Use the proper respirator in areas where the chemical exposure is unknownor above the OSHA PEL or ACGIH TLV.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Dry Powder
Odor	Slight Chlorine
pH@25°C	13
Melting/Freezing Point	N/A
Flashpoint	N/A
Specific Gravity	
Soluability	N/A
Auto-Ignition Temperature	N/A
Decomposition Temperature	N/A
VOC Content	
Odor Threshold	
Boiling Range	180°C
Evaporation Point	N/A
Flammable Limits - Upper	N/A
Flammable Limits - Lower	N/A
Vapor Pressure	N/A
Vapor Density (Air=1)	
Viscosity	

SECTION X - STABILITY AND REACTIVITY

Stability: Stable, under normal conditions of storage and handling.

Conditions to Avoid: Extreme heat and ignition sources.
Sparks, fire, and etreme temperatures.
Strong oxidizing agents
Prolonged exposure to humid atmosphere
Acids.

Material is very corrosive and will attack most metals and evolve hydrogen gas.

Hazardous Decomposition/Byproducts: Chlorine containing gases can be produced.

Hazardous Polymerization: Will not occur.

Polymerization Conditions to Avoid: Contact with strong acids.

Incompatibilities: Strong acids and bases, strong oxidizers
Amphoteric metals, halogenated hydrocarbons, organic and inorganic acids
Organic and inorganic bases.

SECTION XI - TOXICOLOGICAL INFORMATION

Likely Route of Exposure: Contact and inhalation; ingestion possible.

Inhalation: Chronic overexposure may result in irritation or tissue damage and an increased susceptability to respiratory illness, and permanent lung damage.
Can cause damage to nasal and respiratory passages.

Eye Contact: Prolonged contact can result in chemical burns and permanent tissue damage.
Will cause severe burns on contact and will damage the eyes.

Skin Contact: Can be painful is skin is confined in gloves, clothing, etc.
Solid or liquid contact can cause severe burns and deep ulcerations.

Ingestion: May cause gastrointestinal irritaion with nausea, vomiting and diarrhea.
Causes severe damage to mucous membranes and deep tissues, a result in death on penetration to vital areas.

Toxicity:

Component Name	LD50	LC50
Calcium hypochlorite	Oral- Rat- 850 mg/kg	Not Established
Sodium Carbonate	Oral - Rat - 4,090 mg/kg	Inhalation - Rat - 2 h - 5,750 mg/l

Reproductive Effects	Teratogenicity	Mutagenicity	Embryotoxicity	Sensitization to Product	Synergistic Products
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Information not available.

Mobility: Information not available.

Degradability: Information not available.

BioAccumulation: Information not available.

SECTION XIII - WASTE DISPOSAL CONSIDERATIONS

SECTION XIV - TRANSPORT INFORMATION

DOT SHIPPING INFORMATION

Proper Shipping Name: Not Regulated
Contains:
Hazard Class and Label:
Identification Number:
Packaging Group:
Other Shipping Info:

SECTION XV - REGULATORY INFORMATION

TSCA STATUS:..... The components of this product are listed on the TSCA Inventory

SARA TITLE III SECTION 302/304 EXTREMELY HAZARDOUS SUBSTANCE:

No chemicals in this material are subject to the reporting requirements.

SARA TITLE III SECTION 311/312 HAZARD CATEGORIZATION:

Acute	Chronic	Fire	Pressure	Reactive
X		N/A		

SARA TITLE III SECTION 313 SUPPLIER INFORMATION:

No chemicals in this material are subject to the reporting requirements.

CERCLA SECTION 102(a) HAZARDOUS SUBSTANCE:

Component Name	CAS #	% by wt.	RQ (lbs.)
Calcium hypochlorite	7778-54-3	100	10

CALIFORNIA PROPOSITION 65:

No chemicals in this material are subject to the reporting requirements.

SECTION XVI - OTHER INFORMATION

HMIS Health: 3
HMIS Flammability: 0
HMIS Reactivity: 1

Additional:

Specification Information

Department issuing data sheet: Quality Control

Email address: customerservice@ritekem.com

Training necessary: Follow product use instructions listed on the label. Any additional questions, contact Customer Service at 662-840-6060 or email customerservice@ritekem.com.

Disclaimer:

The information in this Safety Data Sheet and product label is believed to be accurate and reliable as of the date issued. Rite-Kem makes no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose or course of performance or usage of trade. Accordingly, Rite-Kem will not be responsible for damages resulting from use of or reliance upon this information. The user is responsible for determining whether the Rite-Kem product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application on a Rite-Kem product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the Rite-Kem product to determine whether it is fit for a particular purpose and suitable for user's method of use or application.