



MATERIAL SAFETY DATA SHEET

P. O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 889-3333

24-HOUR EMERGENCY TELEPHONE (606) 324-1133

003140

CAL HYPOCHLORITE GRAN 100# DR

Nottingham  
Close

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THIS MSDS COMPLIES WITH 29 CFR 1910.1200 (THE HAZARD COMMUNICATION STANDARD)

PRODUCT NAME: CAL HYPOCHLORITE GRAN 100# DR  
CAS NUMBER: 7778 54 3

CITY OF SYRACUSE, SCHOOL DIST  
A/P 409 W. GENESEE STREET  
SYRACUSE, NY 13202

D5 50 075 6538930-  
DATA SHEET NO: 0031825-001  
LATEST REVISION DATE: 06/85-85168  
PRODUCT: 3095500  
INVOICE: 695259  
INVOICE DATE: 11/11/85  
TO: NOTTINGHAM H.S.  
3100 E. GENESEE STREET  
SYRACUSE, NY 13202

ATTN: PLANT MGR./SAFETY DIR.

SECTION I-PRODUCT IDENTIFICATION

GENERAL OR GENERIC ID: SALTS  
HAZARD CLASSIFICATION: (07) OXIDIZER (173.151)

SECTION II-HAZARDOUS COMPONENTS

INGREDIENT	% (BY WT)	PEL	TLV	NOTE
CALCIUM HYPOCHLORITE	100			( 1 )

( 1 ): PEL/TLV NOT ESTABLISHED FOR THIS MATERIAL

SECTION III-PHYSICAL DATA

PROPERTY	REFINEMENT	MEASUREMENT
INITIAL BOILING POINT	NOT APPLICABLE	
VAPOR PRESSURE	NOT APPLICABLE	
VAPOR DENSITY	NOT APPLICABLE	
SPECIFIC GRAVITY	UNAVAILABLE	
PERCENT VOLATILES	NOT APPLICABLE	
EVAPORATION RATE	NOT APPLICABLE	

SECTION IV-FIRE AND EXPLOSION DATA

FLASH POINT NOT APPLICABLE  
 EXPLOSIVE LIMIT NOT APPLICABLE  
 EXTINGUISHING MEDIA: WATER FOG  
 HAZARDOUS DECOMPOSITION PRODUCTS: MAY FORM TOXIC MATERIALS:, CHLORINE, ETC.  
 SPECIAL FIREFIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE WHEN FIGHTING FIRES.  
 UNUSUAL FIRE & EXPLOSION HAZARDS: DECOMPOSITION CAN RELEASE OXYGEN WHICH SUPPORTS COMBUSTION AND REDUCES THE EFFECTIVENESS OF SUFFOCATION TYPE FIRE EXTINGUISHERS.  
 THIS MATERIAL IS A POWERFUL OXIDIZER. CONTACT WITH COMBUSTIBLE MATERIALS CAN RESULT IN FIRE OR EXPLOSION.  
 NFPA CODES: HEALTH- 1 FLAMMABILITY- 0 REACTIVITY- 2  
 OXIDIZING MATERIAL

SECTION V-HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL: NOT ESTABLISHED.  
 EFFECTS OF OVEREXPOSURE: FOR PRODUCT  
 EYES - CAUSES SEVERE DAMAGE.  
 SKIN - CAUSES BURNS.  
 BREATHING - OF DUST CAN CAUSE DAMAGE TO NASAL AND RESPIRATORY PASSAGES.  
 SWALLOWING - RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES AND DEEP TISSUES, CAN RESULT IN DEATH ON PENETRATION TO VITAL AREAS.  
 FIRST AID:  
 IF ON SKIN: IMMEDIATELY FLUSH WITH WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.  
 IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET MEDICAL ATTENTION.  
 IF SWALLOWED: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO


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 SECTION V-HEALTH HAZARD DATA (CONTINUED)  
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THE THROAT. DILUTE BY GIVING WATER. GIVE MILK OF MAGNESIA. KEEP WARM,  
QUIET. GET MEDICAL ATTENTION IMMEDIATELY.

IF BREATHED: REMOVE INDIVIDUAL TO FRESH AIR.

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 PRIMARY ROUTE(S) OF ENTRY:  
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SKIN CONTACT

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 SECTION VI-REACTIVITY DATA  
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HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH: , EXCESSIVE HEAT, COMBUSTIBLE MATERIALS

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 SECTION VII-SPILL OR LEAK PROCEDURES  
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 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
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SMALL SPILL: VENTILATE AREA.  
SWEEP UP MATERIAL ONTO PAPER.

LARGE SPILL: PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM  
AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. SHOVEL MATERIAL INTO  
CONTAINERS, THOROUGHLY SWEEP AREA OF SPILL TO CLEAN UP ANY RESIDUAL  
MATERIAL.

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 WASTE DISPOSAL METHOD:  
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SMALL SPILL: FLUSH DOWN DRAIN WITH LARGE AMOUNTS OF WATER IN ACCORDANCE WITH  
APPLICABLE REGULATIONS.

LARGE SPILL: DEPOSIT IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL  
REGULATIONS.

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 SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED  
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RESPIRATORY PROTECTION: IF OVEREXPOSURE HAS BEEN DETERMINED OR DOCUMENTED, A  
NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE  
OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER  
NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY  
EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE  
IMPLEMENTED TO REDUCE EXPOSURE.

VENTILATION: NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: , NEOPRENE

EYE PROTECTION: CHEMICAL SPLASH GOGGLES IN COMPLIANCE WITH OSHA REGULATIONS ARE  
ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT OTHER TYPE SAFETY GLASSES.  
(CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

OTHER PROTECTIVE EQUIPMENT: NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

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 SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS  
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CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED  
CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL  
HAZARD PRECAUTIONS GIVEN IN THIS DATASHEET MUST BE OBSERVED.

THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT  
WARRANTED TO BE WHETHER ORIGINATING WITH ASHLAND OR NOT. RECIPIENTS ARE  
ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT,  
APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.