



MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE; ONTARIO, CANADA; L4L 8P3  
(905)-850-8444

PRODUCT: CAL-HYPO

CODE: MUR0049

**Section 01: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MANUFACTURER/SUPPLIER..... MURSATT CHEMICALS LIMITED  
11 REGALCREST COURT  
WOODBIDGE, ONTARIO  
CANADA  
L4L 8P3  
PREPARED BY..... REGULATORY AFFAIRS  
PREPARATION DATE..... May25/11  
PRODUCT NAME..... CAL-HYPO  
PRODUCT CODE..... MUR0049  
CHEMICAL FORMULA..... MIXTURE.  
MOLECULAR WEIGHT..... MIXTURE.  
CHEMICAL FAMILY..... MIXTURE.  
MATERIAL USE..... N.AV.  
EMERGENCY PHONE NO..... CANUTEC (613)-996-6666.

**Section 02: HAZARDS IDENTIFICATION**

ROUTE OF ENTRY:  
SKIN CONTACT..... CORROSIVE TO THE SKIN. CAUSES BURNS. HARMFUL IN CONTACT WITH SKIN.  
SKIN ABSORPTION..... N.AV.  
EYE CONTACT..... CORROSIVE TO EYES. CAUSES BURNS.  
INHALATION..... HARMFUL IF INHALED. SEVERELY IRRITATING TO THE RESPIRATORY SYSTEM.  
CAN IRRITATE EYES, NOSE, MOUTH AND THROAT.  
INGESTION..... HARMFUL OR FATAL IF SWALLOWED. MAY CAUSE BURNS TO MOUTH, THROAT  
AND STOMACH.  
EFFECTS OF ACUTE EXPOSURE..... CAUSES EYE AND SKIN BURNS. CAUSES RESPIRATORY TRACT IRRITATION.  
HARMFUL IF INHALED. HARMFUL OR FATAL IF SWALLOWED. CONTAINS MATERIAL  
THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.  
EFFECTS OF CHRONIC EXPOSURE..... PRE-EXISTING DISORDERS INVOLVING ANY TARGET ORGANS MENTIONED IN  
THIS MSDS AS BEING AT RISK MAY BE AGGRAVATED BY OVER-EXPOSURE TO  
THIS PRODUCT.

**Section 03: COMPOSITION/INFORMATION ON INGREDIENTS**

Hazardous Ingredients	%	Exposure Limit	C.A.S.#	LD/50, Route,Species	LC/50 Route,Species
CALCIUM HYPOCHLORITE	60-100	SEE SECTION 11	7778-54-3	SEE SECTION 11	SEE SECTION 11
CALCIUM CHLORATE	0-3	SEE SECTION 11	10137-74-3	SEE SECTION 11	SEE SECTION 11
CALCIUM CARBONATE	1-5	SEE SECTION 11	471-34-1	SEE SECTION 11	SEE SECTION 11
CALCIUM HYDROXIDE	1-5	SEE SECTION 11	1305-62-0	SEE SECTION 11	SEE SECTION 11
SODIUM CHLORIDE	10-30	SEE SECTION 11	7647-14-5	SEE SECTION 11	SEE SECTION 11

**Section 04: FIRST AID MEASURES**

EYE CONTACT..... CHECK FOR AND REMOVE ANY CONTACT LENSES. IMMEDIATELY FLUSH EYES  
WITH RUNNING WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN.  
CONTINUE RINSING UNTIL MEDICAL ATTENTION CAN BE OBTAINED.  
SKIN CONTACT..... IN CASE OF CONTACT, IMMEDIATELY FLUSH SKIN WITH PLENTY OF WATER FOR  
AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.  
GET IMMEDIATE MEDICAL ATTENTION.  
INHALATION..... REMOVE TO FRESH AIR. KEEP PERSON WARM AND AT REST. IF NOT BREATHING,  
IF BREATHING IS IRREGULAR OR IF RESPIRATORY ARREST OCCURS, PROVIDE  
ARTIFICIAL RESPIRATION OR OXYGEN BY TRAINED PERSONNEL. GET MEDICAL  
ATTENTION IMMEDIATELY.  
INGESTION..... IF SWALLOWED, SEEK MEDICAL ADVICE IMMEDIATELY AND SHOW THIS  
CONTAINER OR LABEL. KEEP PERSON WARM AND AT REST. DO NOT INDUCE  
VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.  
NOTES TO PHYSICIAN..... NO SPECIFIC TREATMENT. TREAT SYMPTOMATICALLY. CONTACT POISON  
TREATMENT SPECIALIST IMMEDIATELY IF LARGE QUANTITIES HAVE BEEN  
INGESTED OR INHALED.

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**Section 05: FIRE FIGHTING MEASURES**

T.D.G. FLAM. CLASS..... NON FLAMMABLE.  
 FLAMMABILITY..... PRODUCT IS NOT KNOWN TO BE FLAMMABLE, COMBUSTIBLE, OR PYROPHORIC. THIS MATERIAL INCREASES THE RISK OF FIRE AND MAY AID COMBUSTION. CONTACT WITH COMBUSTIBLE MATERIAL MAY CAUSE FIRE. THIS PRODUCT IS A STRONG OXIDIZER WHICH IS CAPABLE OF INTENSIFYING A FIRE ONCE STARTED. CONTAINER MAY RUPTURE.

IF YES, UNDER WHICH CONDITIONS?  
 EXTINGUISHING MEDIA..... SUITABLE : DRENCH WITH LARGE QUANTITIES OF WATER ONLY. NOT SUITABLE : DO NOT USE DRY CHEMICALS OR FOAMS. PRODUCT SUPPLIES OWN OXYGEN, THEREFORE ATTEMPTS TO SMOTHER FIRE WITH A WET BLANKET, CARBON DIOXIDE, DRY CHEMICAL EXTINGUISHER OR OTHER MEANS ARE NOT EFFECTIVE. PRODUCT HAS THE POTENTIAL TO CAUSE A VIOLENT REACTION IF DRY CHEMICAL FIRE EXTINGUISHERS ARE USED.

SPECIAL PROCEDURES..... PROMPTLY ISOLATE THE SCENE BY REMOVING ALL PERSONS FROM THE VICINITY OF THE INCIDENT IF THERE IS A FIRE. NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. EMITS TOXIC FUMES UNDER FIRE CONDITIONS. CHLORINE GAS MAY BE GENERATED.

SPECIAL FIREFIGHTING PROCEDURES... FIRE-FIGHTERS SHOULD WEAR APPROPRIATE PROTECTIVE EQUIPMENT AND SELF-CONTAINED BREATHING APPARATUS (SCBA) WITH A FULL FACE-PIECE OPERATED IN POSITIVE PRESSURE MODE.

FLASH POINT (C), METHOD..... N.AP.  
 AUTO IGNITION TEMPERATURE..... N.AV.  
 UPPER FLAMMABLE LIMIT (% BY VOL.).... N.AP.  
 LOWER FLAMMABLE LIMIT (% BY VOL.)... N.AP.  
 EXPLOSION DATA..... N.AV.  
 EXPLOSIVE POWER..... N.AV.  
 RATE OF BURNING..... N.AV.  
 SENSITIVITY TO STATIC DISCHARGE..... N.AV.  
 SENSITIVITY TO IMPACT..... N.AV.  
 HAZARDOUS COMBUSTION PRODUCTS.. MAY INCLUDE CARBON OXIDES, HALOGENATED COMPOUNDS AND METAL OXIDE/OXIDES.

**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... NO ACTION SHALL BE TAKEN INVOLVING ANY PERSONAL RISK OR WITHOUT SUITABLE TRAINING. EVACUATE SURROUNDING AREAS. KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. SHUT OFF ALL IGNITION SOURCES. NO FLARES, SMOKING OR FLAMES IN HAZARD AREA. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. PUT ON APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS. INFORM THE RELEVANT AUTHORITIES IF THE PRODUCT HAS CAUSED ENVIRONMENTAL POLLUTION (SEWERS, WATERWAYS, SOIL OR AIR). LARGE SPILL: USE EXTREME CAUTION IN HANDLING SPILLED MATERIAL. USE SPARK-PROOF TOOLS AND EXPLOSIONPROOF EQUIPMENT. DO NOT MIX THIS PRODUCT WITH ANY OTHER CHEMICALS, INCLUDING ANY OTHER POOL CHEMICALS OF ANY KIND, SUCH AS OTHER DISINFECTION OR "SHOCK" POOL PRODUCTS. CONTAMINATION WITH MOISTURE, ACIDS, ORGANIC MATTER, OTHER CHEMICALS (INCLUDING, BUT NOT LIMITED TO CLEANING CHEMICALS AND OTHER POOL CHEMICALS), PETROLEUM OR PAINT PRODUCTS OR OTHER EASILY COMBUSTIBLE MATERIALS MAY START A CHEMICAL REACTION WITH GENERATION OF HEAT, LIBERATION OF HAZARDOUS GASES AND POSSIBLE VIOLENT REACTION LEADING TO FIRE OR EXPLOSION. IF FIRE OR DECOMPOSITION OCCURS IN AREA OF SPILL, IMMEDIATELY DOUSE WITH PLENTY OF WATER. OTHERWISE, SWEEP UP ALL VISIBLE MATERIAL USING A CLEAN (NEW, IF POSSIBLE), DRY SHOVEL AND BROOM AND IMMEDIATELY DISSOLVE MATERIAL IN A WATER-FILLED CONTAINER. SPILLED MATERIAL THAT HAS BEEN SWEEP UP AND DISSOLVED IN WATER SHOULD BE USED IMMEDIATELY IN THE NORMAL APPLICATION FOR WHICH THIS PRODUCT IS BEING CONSUMED. PREVENT ENTRY INTO SEWERS, WATER COURSES, BASEMENTS OR CONFINED AREAS. NOTE: SEE SECTION 1 FOR EMERGENCY CONTACT INFORMATION AND SECTION 13 FOR WASTE DISPOSAL. SMALL SPILL: USE EXTREME CAUTION IN HANDLING SPILLED MATERIAL. USE SPARK-PROOF TOOLS AND EXPLOSIONPROOF EQUIPMENT. DO NOT MIX THIS PRODUCT WITH ANY OTHER CHEMICALS, INCLUDING ANY OTHER POOL CHEMICALS OF ANY KIND, SUCH AS OTHER DISINFECTION OR "SHOCK" POOL PRODUCTS. CONTAMINATION WITH MOISTURE, ACIDS, ORGANIC MATTER, OTHER CHEMICALS (INCLUDING, BUT NOT LIMITED TO CLEANING CHEMICALS AND OTHER POOL CHEMICALS), PETROLEUM OR PAINT PRODUCTS OR OTHER EASILY COMBUSTIBLE MATERIALS MAY START A CHEMICAL REACTION WITH GENERATION OF HEAT, LIBERATION OF HAZARDOUS

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**Section 06: ACCIDENTAL RELEASE MEASURES**

LEAK/SPILL..... GASES AND POSSIBLE VIOLENT REACTION LEADING TO FIRE OR EXPLOSION. IF FIRE OR DECOMPOSITION OCCURS IN AREA OF SPILL, IMMEDIATELY DOUSE WITH PLENTY OF WATER. OTHERWISE, SWEEP UP ALL VISIBLE MATERIAL USING A CLEAN (NEW, IF POSSIBLE), DRY SHOVEL AND BROOM AND IMMEDIATELY DISSOLVE MATERIAL IN A WATER-FILLED CONTAINER. SPILLED MATERIAL THAT HAS BEEN SWEEP UP AND DISSOLVED IN WATER SHOULD BE USED IMMEDIATELY IN THE NORMAL APPLICATION FOR WHICH THIS PRODUCT IS BEING CONSUMED. PREVENT ENTRY INTO SEWERS, WATER COURSES, BASEMENTS OR CONFINED AREAS. NOTE: SEE SECTION 1 FOR EMERGENCY CONTACT INFORMATION AND SECTION 13 FOR WASTE DISPOSAL.

**Section 07: HANDLING AND STORAGE**

HANDLING PROCEDURES AND ..... USE EXTREME CAUTION IN HANDLING SPILLED MATERIAL. PUT ON APPROPRIATE EQUIPMENT PERSONAL PROTECTIVE EQUIPMENT (SEE SECTION 8). EATING, DRINKING AND SMOKING SHOULD BE PROHIBITED IN AREAS WHERE THIS MATERIAL IS HANDLED, STORED AND PROCESSED. DO NOT SWALLOW. DO NOT GET IN EYES OR ON SKIN OR CLOTHING. USE ONLY WITH ADEQUATE VENTILATION. WEAR APPROPRIATE RESPIRATOR WHEN VENTILATION IS INADEQUATE. KEEP IN THE ORIGINAL CONTAINER WITH THE LID SECURELY CLOSED. KEEP AWAY FROM HEAT, SPARKS, FLAMES, DIRECT SUNLIGHT, AND OTHER SOURCES OF HEAT, INCLUDING LIGHTED TOBACCO PRODUCTS. KEEP AWAY FROM COMBUSTIBLE MATERIAL. ADD THIS PRODUCT ONLY TO WATER. NEVER ADD WATER TO THIS PRODUCT. ALWAYS ADD THE PRODUCT TO LARGE QUANTITIES OF WATER. DO NOT MIX THIS PRODUCT WITH ANY OTHER CHEMICALS, INCLUDING ANY OTHER POOL CHEMICALS OF ANY KIND, SUCH AS OTHER DISINFECTION OR "SHOCK" POOL PRODUCTS. FIRE MAY RESULT IF CONTAMINATED WITH ACIDS, ORGANIC MATERIALS AND OTHER EASILY COMBUSTIBLE MATERIALS SUCH AS OIL, KEROSENE, GASOLINE, PAINT PRODUCTS WOOD AND PAPER. USE ONLY A CLEAN (NEW, IF POSSIBLE), DRY SCOOP MADE OF METAL OR PLASTIC EACH TIME PRODUCT IS TAKEN FROM THE CONTAINER. DO NOT ADD THIS PRODUCT TO ANY DISPENSING DEVICE CONTAINING REMNANTS OF ANY OTHER PRODUCT OR POOL CHEMICAL. SUCH USE MAY CAUSE VIOLENT REACTION LEADING TO FIRE OR EXPLOSION. EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS. DO NOT REUSE CONTAINER. RESIDUAL MATERIAL REMAINING IN EMPTY CONTAINER CAN REACT TO CAUSE FIRE. THOROUGHLY FLUSH EMPTY CONTAINER WITH WATER THEN DESTROY BY PLACING IN TRASH COLLECTION.

STORAGE NEEDS..... STORE IN ACCORDANCE WITH LOCAL REGULATIONS. STORE IN ORIGINAL CONTAINER PROTECTED FROM DIRECT SUNLIGHT IN A DRY, COOL AND WELL-VENTILATED AREA, AWAY FROM INCOMPATIBLE MATERIALS (SEE SECTION 10) AND FOOD AND DRINK. SEPARATE FROM REDUCING AGENTS AND COMBUSTIBLE MATERIALS. SEE NFPA 400. HAZARDOUS MATERIALS CODE FOR FURTHER INFORMATION. (PLEASE NOTE THAT NFPA 400, HAZARDOUS MATERIALS CODE RECENTLY REPLACED NFPA 430, CODE FOR STORAGE OF LIQUID AND SOLID OXIDIZERS.) KEEP CONTAINER CLOSED. CONTAINERS THAT HAVE BEEN OPENED MUST BE CAREFULLY RESEALED AND KEPT UPRIGHT TO PREVENT LEAKAGE. IF PRODUCT BECOMES CONTAMINATED OR DECOMPOSES DO NOT RESEAL CONTAINER. IF POSSIBLE ISOLATE CONTAINER IN OPEN AIR OR WELL-VENTILATED AREA. DO NOT STORE IN UNLABELED CONTAINERS. USE APPROPRIATE CONTAINMENT TO AVOID ENVIRONMENTAL CONTAMINATION. DO NOT CONTAMINATE WATER, FOOD, OR FEED BY STORAGE OR DISPOSAL OF THIS PRODUCT.

**Section 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

GLOVES/ TYPE..... CHEMICAL-RESISTANT, IMPERVIOUS GLOVES COMPLYING WITH AN APPROVED STANDARD SHOULD BE WORN AT ALL TIMES WHEN HANDLING CHEMICAL PRODUCTS IF A RISK ASSESSMENT INDICATES THIS IS NECESSARY. NITRILE, NEOPRENE OR BUTYL RUBBER GLOVES.

RESPIRATORY/TYPE..... IF WORKERS ARE EXPOSED TO CONCENTRATIONS ABOVE THE EXPOSURE LIMIT, THEY MUST USE APPROPRIATE, CERTIFIED RESPIRATORS. USE A PROPERLY FITTED, AIR-PURIFYING OR AIR-FED RESPIRATOR COMPLYING WITH AN APPROVED STANDARD IF A RISK ASSESSMENT INDICATES THIS IS NECESSARY. RESPIRATOR SELECTION MUST BE BASED ON KNOWN OR ANTICIPATED EXPOSURE LEVELS, THE HAZARDS OF THE PRODUCT AND THE SAFE WORKING LIMITS OF THE SELECTED RESPIRATOR.

EYE/TYPE..... CHEMICAL SPLASH GOGGLES AND FACE SHIELD.

FOOTWEAR/TYPE..... PROTECTIVE FOOTWEAR.

CLOTHING/TYPE..... PROTECTIVE CLOTHING.

OTHER/TYPE..... EYEWASH STATION AND SAFETY SHOWER IN WORK AREA.

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**Section 08: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

ENGINEERING CONTROLS..... USE ONLY WITH ADEQUATE VENTILATION. IF USER OPERATIONS GENERATE DUST, FUMES, GAS, VAPOR OR MIST, USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION OR OTHER ENGINEERING CONTROLS TO KEEP WORKER EXPOSURE TO AIRBORNE CONTAMINANTS BELOW ANY RECOMMENDED OR STATUTORY LIMITS.

HYGIENIC PRACTICES..... WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING CHEMICAL PRODUCTS, BEFORE EATING, SMOKING AND USING THE LAVATORY AND AT THE END OF THE WORKING PERIOD. APPROPRIATE TECHNIQUES SHOULD BE USED TO REMOVE POTENTIALLY CONTAMINATED CLOTHING. WASH CONTAMINATED CLOTHING BEFORE REUSING. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE WORKSTATION LOCATION.

**Section 09: PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE..... SOLID.  
 ODOUR..... SLIGHT CHLORINE.  
 ODOUR THRESHOLD..... N.AV.  
 VAPOUR PRESSURE (MMHG)..... N.AV.  
 VAPOUR DENSITY (AIR=1)..... N.AV.  
 BY VOLUME  
 BY WEIGHT  
 EVAPORATION RATE..... N.AP.  
 BOILING POINT..... DECOMPOSES AT APPROXIMATELY 338 - 356F (170 - 180C).  
 PH..... ALKALINE.  
 SPECIFIC GRAVITY (WATER=1)..... BULK DENSITY: 63-67 LBS/FT3 (1 - 1.07 G/CM3).  
 SOLUBILITY IN WATER (% W/W)  
 COEFFICIENT OF WATER/OIL DIST..... N.AV.

**Section 10: STABILITY AND REACTIVITY**

CHEMICAL STABILITY:..... STABLE UNDER RECOMMENDED STORAGE AND HANDLING CONDITIONS (SEE SECTION 7). PRODUCT DECOMPOSES AT APPROXIMATELY 170-180°C (338-356°F) RELEASING OXYGEN GAS AND SOME CHLORINE GAS.

CONDITIONS TO AVOID..... HEATING MAY CAUSE A FIRE OR EXPLOSION. EXCESSIVE HEAT WILL CAUSE DECOMPOSITION RESULTING IN THE RELEASE OF OXYGEN AND CHLORINE GAS .

MATERIALS TO AVOID..... HIGHLY REACTIVE OR INCOMPATIBLE WITH THE FOLLOWING MATERIALS: MOISTURE, COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, METALS, ACIDS, ALKALIS, OXIDIZING MATERIALS, REDUCING MATERIALS, AMMONIA, PETROLEUM PRODUCTS, PAINT PRODUCTS, WOOD AND PAPER, POOL CHEMICALS. ACID OR AMMONIA CONTAMINATION WILL RELEASE TOXIC GASES.

HAZARDOUS PRODUCTS OF ..... PRODUCT SLOWLY RELEASES CHLORINE GAS.  
 DECOMPOSITION  
 HAZARDOUS POLYMERIZATION..... WILL NOT OCCUR.

**Section 11: TOXICOLOGICAL INFORMATION**

EXPOSURE LIMIT OF MATERIAL..... CALCIUM CARBONATE (TWA): ACGIH - 10 MG/M3 TD, 3 MG/M3 R; OSHA - 5 MG/M<sup>3</sup> R, 15 MG/M<sup>3</sup> TD; 5 MG/M3 R, 15 MG/M3. CALCIUM DIHYDROXIDE (TWA): ACGIH - 5 MG/M<sup>3</sup>; OSHA - 5 MG/M<sup>3</sup> R, 15 MG/M<sup>3</sup> TD.

LC 50 OF MATERIAL, SPECIES & ROUTE.. N.AV.  
 LD 50 OF MATERIAL, SPECIES & ROUTE.. CALCIUM HYPOCHLORITE: ORAL (RAT) - 850 MG/KG; DERMAL (RABBIT) - >1000 MG/KG . SODIUM CHLORIDE: ORAL (RAT) - 3000 MG/KG. CALCIUM CARBONATE: ORAL (RAT) - 6450 MG/KG. CALCIUM CHLORATE: ORAL (RAT) - 4.5 G/KG. CALCIUM DIHYDROXIDE: ORAL (RAT) - 7340 MG/KG.  
 CALCIUM HYPOCHLORITE - IARC: 3.

CARCINOGENICITY OF MATERIAL.....  
 REPRODUCTIVE EFFECTS..... NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.  
 IRRITANCY OF MATERIAL..... SEE SECTION 2.  
 SENSITIZING CAPABILITY OF MATERIAL. N.AV.  
 SYNERGISTIC MATERIALS..... N.AV.  
 MUTAGENICITY..... N.AV.  
 TERATOGENICITY..... NO KNOWN SIGNIFICANT EFFECTS OR CRITICAL HAZARDS.

**Section 12: ECOLOGICAL CONSIDERATIONS**

ECOLOGICAL INFORMATION..... NO TEST DATA FOUND FOR PRODUCT.

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**Section 13: DISPOSAL CONSIDERATIONS**

WASTE DISPOSAL..... DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. SPILLED MATERIAL THAT HAS BEEN SWEEPED UP AND DISSOLVED IN WATER SHOULD BE USED IMMEDIATELY IN THE NORMAL APPLICATION FOR WHICH THIS PRODUCT IS BEING USED. IF THIS IS NOT POSSIBLE, DISSOLVE MATERIAL IN WATER AND CAREFULLY NEUTRALIZE DISSOLVED MATERIAL BY ADDING HYDROGEN PEROXIDE (ONE PINT OF 35% HYDROGEN PEROXIDE SOLUTION PER POUND OF CALCIUM HYPOCHLORITE TO BE NEUTRALIZED) THEN DILUTE THE NEUTRALIZED MATERIAL WITH PLENTY OF WATER AND FLUSH TO SEWER. NOTE: ONLY PROPERLY NEUTRALIZED MATERIAL SHOULD BE FLUSHED TO SEWER. UNNEUTRALIZED MATERIAL CAN CAUSE ENVIRONMENTAL DAMAGE TO RECEIVING WATER OR CAN INTERFERE WITH TREATMENT PLANT OPERATION. CARE MUST BE TAKEN WHEN USING OR DISPOSING OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT ENVIRONMENTAL CONTAMINATION, IT IS YOUR DUTY TO DISPOSE OF THE CHEMICAL MATERIALS AND/OR THEIR CONTAINERS IN ACCORDANCE WITH THE U.S. CLEAN AIR ACT, THE CLEAN WATER ACT, THE RESOURCE CONSERVATION AND RECOVERY ACT, AS WELL AS ANY OTHER RELEVANT FEDERAL, STATE, OR LOCAL LAWS/REGULATIONS REGARDING DISPOSAL.

**Section 14: TRANSPORT INFORMATION**

TDG CLASSIFICATION..... 5.1.  
 PROPER SHIPPING NAME..... CALCIUM HYPOCHLORITE, HYDRATED.  
 UN NUMBER..... 2880.  
 PACKING GROUP..... II.

**Section 15: REGULATORY INFORMATION**

WHMIS CLASSIFICATION..... C. E.  
 CPR COMPLIANCE..... THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

**Section 16: OTHER INFORMATION**

N.AP.=NOT APPLICABLE  
 N.AV.=NOT AVAILABLE  
 OTHER INFORMATION..... THE DATA IN THIS MSDS RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS DATA IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATIONS. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.