

## CLOROCAL

### 70%-ACTIVE GRANULAR CALCIUM HYPOCHLORITE

#### **IDENTIFICATION OF THE SUBSTANCE:**

GENERAL BIOCIDAL OXIDIZING AGENT FOR WATER CHLORINATION.

#### **USE AND DOSAGE :**

ADD DIRECTLY TO THE WATER WHICH IS TO BE SANITIZED.  
1 GRAM OF PRODUCT IN 1 CUBIC METRE OF WATER WILL INCREASE CHLORINE CONTENT BY 0.7 ppm.

#### **PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	WHITE GRANULAR
ODOR	CHLORINE
SOLUBILITY IN WATER	ABOUT 217 g/l
pH (1% solution)	ALKALINE REACTION

#### **CHECKS:**

THE PRODUCT CAN BE QUANTIFIED AND CHECKED THROUGH DPD REAGENTS.

#### **WARNINGS AND HAZARDS IDENTIFICATION**

CLASSIFICATION      **CORROSIVE AND COMBURENT**

#### HAZARD STATEMENTS:

H272 MAY INTENSIFY FIRE; OXIDISER.  
H302 HARMFUL IF SWALLOWED.  
H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
H318 CAUSES SERIOUS EYE DAMAGE.  
H335 MAY CAUSE RESPIRATORY IRRITATION.  
H400 VERY TOXIC TO AQUATIC LIFE.

#### PRECAUTIONARY STATEMENTS:

P221 TAKE ANY PRECAUTION TO AVOID MIXING WITH COMBUSTIBLES/...  
P273 AVOID RELEASE TO THE ENVIRONMENT.  
P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.  
P301+P330+P331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING.  
P303+P361+P353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER.  
P305+P351+P338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.  
P310 IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN.  
P391 COLLECT SPILLAGE.

CAUTION:              DO NOT MIX WITH OTHER PRODUCTS,  
IT CAN PRODUCE HARMFUL GASES  
(CHLORINE)

#### **EXPOSURE CONTROLS/PERSONAL PROTECTION**

RESPIRATOR: FACE MASK COMPLETE WITH POWDER AND CHLORINE FILTER  
HAND PROTECTION: RUBBER GLOVES

EYE PROTECTION: TOTAL SAFETY GOGGLES  
CLOTHING: PROTECTIVE CLOTHING, BOOTS  
ADDITIONAL MEASURES: EYE WASH BOTTLES  
TLV LIMITS:  
TLV LIMITS: 1 mg/m<sup>3</sup> TWA; 2 mg/m<sup>3</sup> STEL

CLOROCAL STN

#### **HANDLING AND STORAGE**

HANDLE WEARING RUBBER GLOVES AND SAFETY GOGGLES.

STORE AT ROOM-TEMPERATURE AND PROTECTED AGAINST DIRECT SUNLIGHT. KEEP AWAY FROM COMBUSTIBLE SUBSTANCES.  
AVOID CONTACT WITH ORGANIC MATTER.

#### **FIRST-AID MEASURES**

SKIN:              REMOVE ANY CONTAMINATED CLOTHING IMMEDIATELY AND WASH WITH COPIOUS AMOUNTS OF FLOWING WATER.

EYE:              WASH WITH COPIOUS AMOUNTS OF FLOWING WATER, GENTLY PRIZING OPEN EYELIDS TO ENSURE EFFECTIVE WASHING.  
IF NECESSARY, ASK FOR A SPECIALIST'S EXAMINATION.

INGESTION: WASH OUT MOUTH WITH COPIOUS AMOUNTS OF WATER AND DRINK A LOT OF WATER.  
GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

INHALATION: REMOVE THE PERSON TO AN UNCONTAMINATED AREA; IF THE PERSON'S BREATHE IS IRREGULAR OR INTERRUPTED, PRACTICE ARTIFICIAL RESPIRATION.  
SEEK MEDICAL HELP AS SOON AS POSSIBLE.

#### **COMPOSITION:**

70%-ACTIVE CALCIUM HYPOCHLORITE

#### **PACKAGING**

40 KG. BARREL

#### **TRANSPORT INFORMATION**

TRANSPORT BY ROAD: ADR 5.1 COMBURENT SUBSTANCES.

Numero telefonico di chiamata urgente: +39 335 6109383

Sede Legale ed Operativa : Via S. Allende, 14 - 41051 Castelnovo Rangone (MO) - Italy

Phone 0039 59 536502 - Fax 0039 59 536742 e-mail : info@barchemicals.it - http://www.barchemicals.it

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01/10/2012

BARCHEMICALS S.r.l. reserve the right to change the formulation of this product at any time without previous notice.  
The new technical sheet shall automatically cancel and replace the previous one.

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