



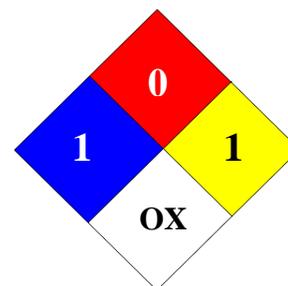
BASICOS Y COLORANTES

*La base del color*

## MATERIAL SAFETY DATA SHEET CLOROSOLL

### I. Product Identification.

*Commercial Name:* Clorosoll  
*Chemical Family:* Chloride salts  
*Supplier:* Básicos y Colorantes, S.A. de C.V.  
*Emergency line:* +52 55 5358-2011



Protective Equipment: E  
Special Risk: --

### II. Composition / Information about ingredients.

Sodium Chlorite ( $\text{NaClO}_2$ )                      CAS No. 7758-19-2

### III. Hazards Identification.

May cause severe irritation or skin and eyes burns, it is harmful if swallowed or inhaled, may cause respiratory irritation. Strong oxidizer  
May break down at high temperatures and form chloride dioxide gases, which in contact with other combustible materials may cause explosion.

### IV. First Aid Measures.

*Inhalation:* Take the victim to fresh air; in case of breathing difficulties, supply oxygen and seek immediate medical attention.

*Ingestion:* Make to the victim drink plenty of water or milk. DO NOT induce the vomit, seek medical attention.

*Eye contact:* Immediately flush eyes with running water by fifteen minutes, keeping eyelids open, if irritation is developed seek opthalmologic attention.

*Skin Contact:* After contact with skin, wash immediately with plenty of water, soap or chemical skin protectors. Wash contaminated clothing before reusing.

### V. Fire and Explosion Data

*Fire Extinguishing Media:* Nebulized Water, foam, dry chemical powder or carbon dioxide.

*Restriction:* Not applicable

*Explosion:* Not applicable

*Protective clothing:* Fire protective gear

**Básicos y Colorantes, S.A. de C.V.**

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Tel. +52 55 5358-2011, Fax. +52 55 5358-2685, <http://www.byc.com.mx>

## VI. Accidental release measures.

Use a shovel to put the material into a convenient waste disposal container, label and close it, and dispose of according to local and regional authority requirements.

## VII. Handling and Storage

Keep the container tightly closed.

Keep away from combustible materials, heat, sparks, open flame.

Hygroscopic

Store in a cool and dry place

Avoid eye, skin, clothes contact

Do not breathe powder.

Avoid long term and repeated exposition

This product breaks down at 347.0 °F with heat evolution; it releases explosive chloride dioxide gas in contact with acids. Incompatible with ammonium components, cyanides, iodides, sulfur divalent compounds, natural rubber, aldehydes, ketones, steel, nickel, cobalt, and other alloys.

## VIII. Exposure controls / personal protection

Avoid eyes and skin contact. Prevent food and drink contact. Do not eat, drink or smoke in the work area or storage site. Change dirty or polluted clothes with this product. Use safety glasses for eyes and clothes for body.

Protective clothing: safety glasses, rubber gloves and dust respirator. Adopt the usual care measures during the handling of chemical products.

## IX. Physical and chemical properties.

*Physical State:* Solid (Powder, Crystals)

*Color:* White

*Solubility in water:* Not determined

*Melt point:* Break down at 175.0 °C

*Flash point:* N/A

## X. Stability and Reactivity data.

*Thermal decomposition:* 347 °F (175°C)

*Hazardous reactions:* Not available

Thermal decomposition does not occurs if storage and handling properly.

## XI. Disposal, use and management data.

*Accidental spill:* Use a shovel to put the material into a convenient waste disposal container

Handling and Storage: See VII point.

*Ecological information:* Special measures not available.

## XII. Toxicological Information

*Severe Toxicity:*

LD50 (orally, rat) > 165 mg/Kg

LD50 (cutaneous, rabbits) > 350 mg/Kg

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LD50 (mucous, rabbits) > 300 mg/Kg

*Chronic effects:* Not available

The product is not known to be hazardous if the usual precautions for prevention of exposure are followed.

### XIII. Ecological information

*Not available information*

### XIV. Regulatory information

O.S.H.A.: Hazardous by definition of the Risk Communication Standard (29 CFR 1910.1200)

DSCL(EEC)

R38: irritant to skin

R41: Severe risk of hazard to eyes.

### XV. Transport Information

GGVSee/ IMDG Code:--- N<sup>o</sup>UN: 1908 MFAG:--- EmS:---  
PG:--- MPO:---  
GGVE/GGVS: class --- N<sup>o</sup>:--- RID/ADR:--- N<sup>o</sup>:---  
ADNR:class --- N<sup>o</sup>:--- CAT:--- ICAO/IAT-DGR: no rest.

\*\* Hazardous products, keep away from combustible, reducer and acid substances.

### XVI. Other Information.

<b>Clorosoll</b>	
<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>1</b>
<b>Protective Equipment</b>	<b>E</b>

HMIS Classification

0 = minimal, 1 = slight, 2 = moderate, 3 = serious, 4 = extreme

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