



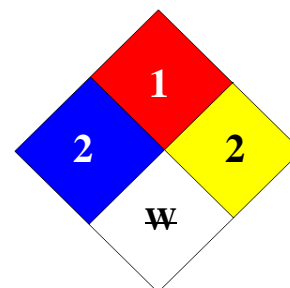
BASICOS Y COLORANTES

La base del color

MATERIAL SAFETY DATA SHEET HIDROSOL

I. Product Identification.

Commercial Name: Hidrosol
Chemical Family: Inorganic salt
Supplier: Básicos y Colorantes, S.A. de C.V.
Emergency line: +52 55 5358-2011



Protective Equipment: F
Special Risk: --

II. Composition / Information about ingredients.

Stabilized sodium hydrosulfite preparation
Sodium Hydrosulfite ($\text{Na}_2\text{S}_2\text{O}_4$) CAS No. 7775-14-6

III. Hazards Identification.

Sodium hydrosulfite or Sodium dithionite
STRONG REDUCER, FLAMMABLE IN PRESENCE OF MOISTURE AND AIR.
HARMFUL IF SWALLOWED OR INHALED, CAUSES SKIN, EYES AND
RESPIRATORY SYSTEM IRRITATION.

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

Flammable solid, warms spontaneously in contact with moisture and air, may burn in presence of combustible materials

Fire Extinguishing Media: Use dry chemical powder, lime, dry sand.

Combustion gases: Irritant, corrosive and/or toxic gases.

Personal protection: Fire protective gear.

Básicos y Colorantes, S.A. de C.V.

San Francisco No 12, Col. San Francisco Cuautlalpan, Naucalpan Edo. de México
Tel. +52 55 5358-2011, Fax. +52 55 5358-2685, <http://www.byc.com.mx>

Do not mix or store with highly oxidizing products.

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

Special measures not available. Keep the container tightly closed. Take the usual care measures during the handling of chemical products.

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.

<i>Physical State:</i>	Solid (Powder and granules)
<i>Color:</i>	White
<i>Odor:</i>	Characteristic
<i>Solubility:</i>	Soluble in water
<i>Density:</i>	2.19 g/cm ³
<i>pH:</i>	6.0 – 8.0
<i>Melt point:</i>	> 300 °C
<i>Bulk density:</i>	≈ 0.9

X. Stability and Reactivity data.

Thermal decomposition: Stable until 145°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: Special measures not available.

Ecological information: Special measures not available.

XII. Toxicological Information

Severe Toxicity:

LD50 oral (Rat)	> 500 mg/Kg
LD50 skin (Rabbit)	> 10,000 mg/Kg

Básicos y Colorantes, S.A. de C.V.

San Francisco No 12, Col. San Francisco Cuautlalpan, Naucalpan Edo. de México
Tel. +52 55 5358-2011, Fax. +52 55 5358-2685, <http://www.byc.com.mx>

XIII. Ecological information

Ecotoxicity: Not available

BOD5 y COD: Not available

Biodegradation products: No probable products from short term degradation. However it can arise products from long term degradation.

Biodegradation products toxicity: Products from degradation are less toxic than the product itself.

XIV. Regulatory information

DSCL(EEC):

R7: It can cause fire.

R22: Hazardous if it is swallowed.

R31: In contact with acids, it release toxic gases.

S7/8: Keep the container tightly closed and dry

XV. Transport Information

DOT Class : Class 4.2 Group II

DOT Description: Sodium dithionite (Sodium hydrosulfite)

UN Series No.: 1384

Recommended Emergency Response Guide: GUIDE (GRE 2005): No. 135

** Do not ship with acid products or combustible materials.

XVI. Other Information.

Hidrosol	
Health Hazard	2
Fire Hazard	3
Reactivity	2
Protective Equipment	E

HMIS Classification

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

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Básicos y Colorantes S.A. de C.V. will be not responsible for damages resulting from use of or reliance upon this information.

Básicos y Colorantes, S.A. de C.V.

San Francisco No 12, Col. San Francisco Cuautlalpan, Naucalpan Edo. de México

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