

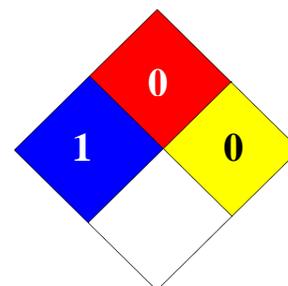


La base del color

MATERIAL SAFETY DATA SHEET DYFLOC VH

I. Product Identification.

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



Protective Equipment: B
Special Risk: --

II. Composition / Information about ingredients.

Cationic Polyacrylamide CAS No. -----

III. Hazards Identification.

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

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, keeping eyelids open, if irritation is developed seek ophtalmologic 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.

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>

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 and rubber gloves. Adopt the usual care measures during the handling of chemical products.

IX. Physical and chemical properties.

<i>Physical State:</i>	Solid (Powder)
<i>Color:</i>	Whitish
<i>Odor:</i>	-----
<i>Solubility in water:</i>	Soluble, limited by viscosity
<i>Density:</i>	750 +/- 50 Kg/m ³
<i>pH:</i>	3.0 – 5.0 as aqueous solution.
<i>Auto-ignition temperature:</i>	>150 °C
<i>Break down temperature:</i>	>150 °C
<i>Specific gravity:</i>	0.75

X. Stability and Reactivity data.

Thermal decomposition: Stable until 145°C

Hazardous reactions: Not available

Thermal decomposition does not occur 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 (orally, rat)	> 5,000 mg/Kg
LD50 (cutaneous, rabbits)	> 2,000 mg/Kg
LD50 (mucous, rabbits)	> 20 mg/L

Chronic effects: Not available

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

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XIII. Ecological information

Persistence and degradability: This material is not easily degradable, readily biodegradability, 28 days.

Bioaccumulation: The great size of polymer is incompatible with transport through biologic membranes and diffusion, the bioconcentration factor therefore is considered zero.

Mobility: limited by viscosity.

Ecotoxic effects: This material is not classified as hazardous for environment.

Lc50 (zebrafish, 96 h)	> 1-10 mg/L
Ec50 (midge, 48 h)	> 10-100 mg/L
CO ₂ Evolution 28 days	this material is not easily biodegradable(OECD 301B) but it can be degraded by hydrolysis

XIV. Regulatory information

No risk labeling is required, according to the directives of the European Economic Community (EEC).

No one component is listed in the T.S.C.A.

XV. Transport Information

Maritime transport:

ST/IMO Label: Not applicable

Air transport:

ICAO/IATA Label: Not applicable

This product is not hazardous to transport, just keep it individually from foodstuffs.

XVI. Other Information.

Dyfloc VH	
Health Hazard	1
Fire Hazard	0
Reactivity	0
Protective Equipment	B

HMS 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.

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