



MODERN SPECIALTIES IN SYNTHETIC AND PLASTIC INKS

Rondeau 1200. Ramos Mejía, Buenos Aires, Argentina.

Phone: 4654-0060 **Fax:** 4656-1098 **E-Mail:** laboratorio@pintesint.com

www.pintesint.com

MATERIAL SAFETY DATA SHEET (MSDS)

HEALTH: 4
FLAMMABILITY: 0
REACTIVITY: 1

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Screen printing mesh cleaning product.
Trade Name: QUITA MANCHAS DIAZO
(DIAZO STAIN REMOVER)
Code: 9629
Colour: Orange
Manufacturer name: PINTESINT SAICyF
RONDEAU 1200 RAMOS MEJIA (1704)
BUENOS AIRES ARGENTINA
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Phosphoric acid: 50 % - 70 %
Sodium dichromate: 2 % - 6 %
Water: 40 % - 60 %
Inerts: 5 % - 10 %

Contains phosphoric acid and sodium dichromate

3. HAZARDS IDENTIFICATION

MAIN RISKS

This is an acid, corrosive and toxic product. Avoid all contact with the body and metals.

GENERAL HEALTH EFFECTS

The possible health effects of this product are based on the hazards associated with its ingredients. The use of this product in combination with other products may produce cumulative effects on health. Caution labels and material safety data sheets used with this product should be reviewed before use.

Eyes

It produces irritation and in cases of greater exposures can produce blurred vision and serious burns.

SKIN

It produces irritation and dermatitis; in cases of major exposures it can produce pain and blisters.

INHALATION

Inhalation of mist during cleaning of mesh can produce mild irritation, cough, respiratory difficulty, and in extreme cases burns and pulmonary edema.

INGESTION



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Ingestion may cause stomach burns and chromium poisoning.

POSSIBLE EFFECTS ON THE ENVIRONMENT

It is an acid product that contains chromium, can lower PH and contaminate surface water.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Pregnant women and people with medical conditions should consult their doctor before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the risk and level of adverse health effects.

4. FIRST-AID MEASURES OF ASSISTANCE

EYES

Wash the eyes for at least 15 minutes. Remove contact lenses if it can be done easily. If irritation persists, obtain medical attention.

SKIN

In case of contact, immediately wash skin with soap and plenty of water for at least 15 minutes while removing contaminated clothing and shoes. It is suggested to use cold water at first to prevent the pores of the skin from opening. This will minimize the area and time of contact with the skin. Then warm water can be used to ensure that all contaminants have been removed. The skin should be controlled for possible redness or chemical burns. Obtain medical attention if irritation persists or significant contact has occurred. Wash clothing and shoes before refusing.

INHALATION

Move person to fresh air and keeping in a semi standing position. If not breathing, give artificial respiration or oxygen by trained personnel. Obtain medical attention immediately if there is difficulty breathing.

INGESTION

If swallowed, DO NOT induce vomiting, rinse mouth and give plenty of water or milk. **Immediately move to a hospital or poison control centre.** Never give anything orally to an unconscious person. **The product can cause death in cases of ingestion of high doses (greater than 35 grams).**

5. FIRE FIGHTING MEASURES

NON COMBUSTIBLE

In case of fire keep containers cool by spraying with water. It releases toxic vapours with excessive heat. In contact with metals it gives off hydrogen, which can produce explosive mixtures with air.

6. ACCIDENTAL RELEASE MEASURES

Dispose of all sources of ignition (flames, hot surfaces and electrical, static, or frictional sparks). Avoid contact with the product and inhalation of vapours. Ventilate the area.

Contain spill and dispose of with an inert absorbent. Use appropriate tools to place the material in a container that should not be metal to dispose of. Isolate the risk area and deny entry to unnecessary and unprotected personnel.

7. HANDLING AND STORAGE



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Use adequate ventilation, if possible in combination with good extraction. Do not eat or drink during use. Keep away from oxidizing agents; Store in environments below 35 ° C (95 ° F) and with very good supply of air as a reaction inhibitor. Stack in refrigerated areas, dry and protected from sunlight. Keep away from sources of ignition - no smoking. Keep containers tightly closed in a well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Wear eye and face protection (MASK and SAFETY GOGGLES). Wear protective clothing and appropriate gloves (neoprene or nitrile rubber). Use adequate ventilation, combined with good extraction. Be exposed as little time as possible. Wash hands before taking a break or leave work. Put on separate work clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid orange.
Specific Weight:	1.56 ± 0.02 Kg/dm ³
Solubility:	Soluble in water
Flash Point:	Non-combustible

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Stable: under recommended storage and handling conditions.

CONDITIONS TO AVOID

High temperatures, direct source of heat and contact with oxidant agents and metals.

11. TOXICOLOGICAL INFORMATION

Frequent or continuous contact with the skin, causes irritation and dermatitis burns.

Ld50 (oral in mice): 4.7g / kg

Ldlo (oral in humans): 650mg / kg.

12. ECOLOGICAL INFORMATION

Keep product away from sources or watercourses.

13. DISPOSAL CONSIDERATIONS

Follow municipal, provincial and national legal regulations for the elimination of sub-products and waste. Recommendation: Incinerate. Contaminated containers may be used after cleaning.

14. TRANSPORT INFORMATION

General:	NON COMBUSTIBLE
Transport Classification:	8
United Nations Number:	3262



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15. LEGAL INFORMATION

Hazard Symbol: Toxic Corrosive

16. OTHER INFORMATION

No additional information

This information only refers to the product mentioned above and should not be valid for other product (s) or for any process. The information is, according to our best correct and complete knowledge. It is provided in good faith but without guarantee. It remains the responsibility of the user that this information is appropriate and complete for the special use of this product.

IMPORTANT NOTE

- I. The inks formulated by Pintesint SAICyF must be used exclusively with the solvents and the complementary products that it manufactures for that purpose. Due to the diversity of products in the market, the company is not responsible for the use of the same from another source.
- II. The suggestions and data of this literature were elaborated in good faith, to guide the user. We recall the importance of checking the adaptability of inks and complementary products by testing before starting production. Due to the fact that the conditions of use of the products are not under our control, the present does not constitute a guarantee on the work to be done.