

11/21/2006 10:17 18154592823

FREUDENTHAL SALES GR

PAGE 02

Jan. 10. 2003 8:15AM

No. 3091 P. 2

**Material Safety Data Sheet****22136-XXXX****Product :** FIBRALO Fibre-tipped pens with water-soluble Ink **Page :** 1/4**Validation date :** 08/01/2003**Version :** US-0185-2.01**Replaces version :** -**1. Product and Company Identification**

**PRODUCT TRADE NAME ( as labeled ) :** FIBRALO<sup>®</sup>

**MANUFACTURERS NAME :** CARAN d'ACHE SA

**Address ( complete mailing address ) :** 18, chemin du Foron ; CH-1226 THONEX-GENEVE  
**Phone number :** +41 22 869 01 01  
**FAX number :** +41 22 869 01 36

**US Importer :** CARAN d'ACHE SA of SWITZERLAND Inc.  
 38-52 43<sup>rd</sup> Street  
 LONG ISLAND CITY, NY 11101

**Phone number ( for additional information ) :** +1 718.482 75 00

**2. Product Preparation and Hazardous Ingredients**

**Preparation composition :** PE plastic corps & caps, polyester fibre-tipp and acetate capillary tank  
 Synthetic organic food dyestuffs ( without heavy metals or other toxic chemical compounds )  
 Food permitted additives ( like preservatives, surfactants )  
 Glycerin and water

**Hazardous chemicals :** None  
**CAS numbers :** -  
**Percent\* :** -

**Others :** The product do not contain any suspected carcinogenic agents. *This product's ingredients are not found in the Federal OSHA - regulated carcinogens register*

**3. Health Hazard Information****SYMPTOMS OF OVEREXPOSURE - For each potential route of exposure.****Inhaled :** Not applicable**NOTE :** *If burned, the product may form vapours or fumes which may irritate respiratory tract and cause coughing*

**Contact with skin or eyes :** **Skin :** No known effects from overexposure  
**Eyes :** No known effects from overexposure

\* Not a required category.

**NOTE :** All required categories should be addressed. If any item is not applicable or no information is available, the space must be marked to indicate that.

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11/21/2006 10:17 18154592823

FREUDENTHAL SALES GR

PAGE 03

No. 3091 P. 3

Jan. 10. 2003 8:15AM

## Material Safety Data Sheet

**Product :** FIBRALO Fibre-tipped pens with water-soluble ink Page : 2/4  
**Validation date :** 08/01/2003 **Version :** US-0185-2.01 **Replaces version :** -

**Absorbed through skin :** No known effects from overexposure  
**Swallowed :** No known effects

**HEALTH EFFECTS OR RISKS FROM EXPOSURE - Explain in lay terms - Attach extra page if more space is needed**

**Acute :** Oral LD 50 greater than 10'0'0 mg/kg body weight  
**Chronic :** None observed and none known  
**Others :** None

**NOTE :** Product contains small parts ( caps and end-plugs ) which may be swallowed. These parts are designed and manufactured in accordance with international regulations concerning "Safety of Toys"; they fulfill all requirements concerning caps ventilation and end closures attachment.

### 4. First Aid and Emergency Procedures

**General Information :** In case of clothes contamination, remove and wash off with water and soap  
**Eyes contact :** Irrigate with fresh water immediately and continuously for 5 to 15 minutes keeping eye open  
 Consult a specialized medical service  
**Skin contact :** Wash skin with water and soap  
**Inhaled :** Not applicable  
**Swallowed :** In case of small part ingestion, consult immediately an urgency medical service

### 5. Fire and Explosion

**Flash point ( °F ) :** Not applicable  
**Flammable limits in air ( volume % ) :** Not applicable  
**Auto ignition temperature ( °F ) :** Not known  
**Fire-extinguishing materials :** Water, Carbon dioxide or Dry chemical powder  
**Special fire-fighting procedures :** None known.

\* Not a required category.

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11/21/2006 10:17 18154592823

FREUDENTHAL SALES GR

PAGE 04

Jan. 10. 2003 8:16AM

No. 3091 P. 4

## Material Safety Data Sheet

**Product :** FIBRALO Fibre-tipped pens with water-soluble Ink Page : 3/4

**Validation date :** 08/01/2003 **Version :** US-0185-2.01 **Replaces version :** -

**Unusual fire and explosion hazards :** Organic material combustion may produce carbon dioxide and/or carbon monoxide

**NOTE :** If heated to more than 400 °F, the product may form vapours or fumes which may irritate respiratory tract and cause coughing

### 6. Physical Properties

Vapor density ( air = 1 ) :	Not applicable
Melting point or range ( °F ) :	Not applicable
Boiling point or range ( °F ) :	Not applicable
Softening point or range ( °F ) :	Range 250 to 300 °F
Specific gravity ( water = 1 ) :	Not applicable
Ink solubility in water :	Soluble
Vapor pressure ( mmHg at 68°F ) :	Negligible
Appearance and odor :	Plastic colored caps and caps, Odorless - mild odor

### 7. Reactivity Data

<b>Stability :</b>	Stable under normal conditions of use, handling and storage : at room temperature and, as general rule, not higher than 120 °F
<b>Conditions to avoid ;</b>	None known
<b>Incompatibility ( material to avoid ) :</b>	None known
<b>Hazardous decomposition products ;</b> ( including combustion products )	None known
<b>Hazardous polymerization :</b>	Will not occur

### 8. Spill, Leak and Disposal Procedures - *Dispose of all wastes in accordance with federal, state and local regulations*

<b>Spill response procedures :</b> ( including employee protection measures )	Not applicable
<b>Preparing wastes for disposal :</b> ( container types, neutralization )	Not applicable

■ Not a required category

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11/21/2006 10:17 18154592823

FRELIDENTHAL SALES GR

PAGE 05

Jan. 10. 2003 8:16AM

No. 3091 P. 5

## Material Safety Data Sheet

**Product :** FIBRALO Fibre-tipped pens with water-soluble Ink **Page :** 4/4

**Validation date :** 06/01/2003

**Version :** US-0185-2.01

**Replaces version :** -

### 9. Special Handling Information

**Ventilation and engineering controls :** None should be needed

**Respiratory protection ( type ) :** None should be needed

**Eye protection ( type ) :** None should be needed

**Gloves ( specify material ) :** None should be needed

**Other clothing and equipment :** None should be needed

**Work and hygienic practices :** Avoid ingestion by eating, smoking or drinking while handling

**Other handling and storage requirements :** Keep away from heat and open flame

**Protective measures during maintenance of contaminated equipment :** Use of gloves recommended and wash off contamination with soap and water

### 10. Transport Information

None

### 11. Regulatory Information

Labeled in accordance with EC-Directives and Standards EN71 concerning " Safety of Toys " in accordance to Toys classification, also labeled "Not recommended for children under 3 years old" No compulsory hazard warning label. Made in Switzerland in accordance with all national regulation

### 12. Other Information

The information above is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the product described or their suitability for a particular application.

\* Not a required category

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