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## Safety Data Sheet Jacquard Discharge Paste

Revision date :5/6/2015  
Version: 1.1

### 1. Substance/preparation and company identification

Chemical family: sulfinic acid  
derivative, in water

Supplied by: PRO Chemical & Dye  
126 Shove Street Fall River, MA 02724

Emergency Telephone Numbers:  
800-255-3924 ChemTel. (United States)  
+ 1 01 813-248-0585 (Outside the United States)

### 2. Composition/information on ingredients

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical Name</u>
	$\geq 0.14 - \leq 0.7$	Proprietary additive
	$\geq 8.4 - \leq 9.1$	water
7732-18-5	$\geq 0.14 - \leq 0.28$	Sodium sulfate
7757-82-6	$\geq 0.14 - \leq 0.28$	sodium sulphite
7757-83-7	$\geq 4.2 - \leq 4.9$	PMN90-0606

### 3. Hazard identification

#### Emergency overview

CAUTION: NO PARTICULAR HAZARDS KNOWN.

Use with local exhaust ventilation.

Wear protective clothing.

Wear full face shield if splashing hazard exists.

#### Potential health effects

Primary routes of exposure

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry

for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### 4. First-aid measures

**General advice:**

Remove contaminated clothing.

**If inhaled:**

If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on skin:**

Wash affected areas thoroughly with soap and water. If irritation develops, seek medical attention.

**If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

**If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions. Immediate medical attention required.

#### 5. Fire-fighting measures

Flash point:	> 100 °C	(DIN 51758)
Auto-ignition:	> 200 °C	(DIN 51794)

**Suitable extinguishing media:**

water, dry extinguishing media, foam, carbon dioxide

**Hazards during fire-fighting:**

harmful vapors

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Protective equipment for fire-fighting:**

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

**6. Accidental release measures****Personal precautions:**

Use personal protective clothing.

**Environmental precautions:**

This product is not regulated by RCRA. This product is not regulated by CERCLA ('Superfund').

**Cleanup:**

Place absorbed material in the same container as the spilled substance/product for disposal.

**For small amounts:** Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.

**For large amounts:** Pump off product.

**Further information:**

High risk of slipping due to leakage/spillage of product.

## 7. Handling and storage

### Handling

**General advice:**

No special measures necessary provided product is used correctly.

**Protection against fire and explosion:**

Take precautionary measures against static discharges.

### Storage

**General advice:**

Keep container tightly closed and dry; store in a cool place.

## 8. Exposure controls and personal protection

### Personal protective equipment

**Respiratory protection:**

Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.

**Hand protection:**

Chemical resistant protective gloves

**Eye protection:**

Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

**General safety and hygiene measures:**

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and chemical properties

Form: liquid  
Odor: product specific  
Color: colorless to yellowish  
pH value: 10 – 11 (20C) (measured with the undiluted substance)

solidification temperature: 5°C  
boiling temperature: 104 °C  
Density: 1.3 - 1.425 g/cm<sup>3</sup> (20°C)  
Miscibility with water: (20°C) completely (e.g. >=90)

## 10. Stability and reactivity

Conditions to avoid:

No conditions known that should be avoided.

**Substances to avoid:**

acids, oxidizing agent

**Hazardous reactions:**

No hazardous reactions when stored and handled according to instructions.

**Decomposition products:**

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

**Corrosion to metals:**

No corrosive effect on metal.

**11. Toxicological information****Acute toxicity****Oral:**

LD50/rat: > 2,000 mg/kg

**Skin irritation:**

rabbit: non-irritant (BA5F- Test)

**Eye irritation:**

rabbit: non-irritant (BASF- Test)

**Chronic toxicity****Other information:**

The statement was derived from products of similar composition.

**12. Ecological information****Environmental fate and transport****Biodegradation:**

Test method:	OECD 302B; 150 9888; 88/302IEEC,part C
Method of analysis:	DOC reduction
Degree of elimination:	30-40
Evaluation:	Moderately/partially eliminated from water.

**Chemical oxygen demand (COD):**

215 mg/g

**Absorbable organically-bound halogen (AOX):**

This product contains no organically-bound halogen.

### **Environmental toxicity**

#### **Toxicity to microorganisms:**

OECD Guideline 209 EC20: > 1,000 mg/l

Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

#### **Other eco-toxicological advice:**

Do not release untreated into natural waters. The product has not been tested. The statement has been derived from products of a similar structure and composition.

### **13. Disposal considerations**

#### **Waste disposal of substance:**

Must be dumped or incinerated in accordance with local regulations.

#### **Container disposal:**

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

**RCRA:** NONE

### **14. Transport information**

Reference Bill of Lading

### **15. Regulatory information**

Federal Regulations

#### **Registration status:**

TSCA, US released / listed

OSHA hazard category: No data available.

### **16. Other information**

HMIS /II rating

Health: 1 Flammability: 1 Physical hazard: 0

HMIS uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates high hazard.

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