

# *Crosfield Textiles Chemicals (I) Pvt. Ltd.*

## **SAFETY DATA SHEET** **(According to 1907/2006/EC)**

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Revised edition no. : 1	
DATE – JAN.2015	

### **1. IDENTIFICATION OF THE SUBSTANCES / PREPARATION AND OF THE COMPANY / UNDERTAKING**

**Product Name** : CELSIZE PVC

**Use of the substance/preparation** : Process aid for industrial application in textile industry

**Manufacturer / Supplier** Reg. off. : RAJ INDUSTRIAL COMPLEX PREMISES CO-OP-SOC.LTD.  
MAROL MILITARY ROAD, ANDHERI (E)  
MUMBAI – 400 059  
TEL. NO. – 65733002.

**Contact** : Customer service : +91 22 400 94000  
Product Disposal Information: +91 22 400 94000  
+91 22 400 94000  
Email : crosfield@rediffmail.com

**Emergency information** : Emergency Telephone: +91 22 4009 4002

### **2. HAZARDOUS IDENTIFICATION**

**Emergency Overview** : No hazard symbols. No immediate concern for emergency responders. A white solid as fine granules raises no hazard to human.

**OSHA regulatory status** : This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Potential health effects**

**Eye** : May cause slight irritation

**Skin** : A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts

**Ingestion** : H371 May causes damage to organs if devoured a lot..

**Inhalation** : Small amounts are not likely to cause damage.

**Chronic effects** : The material has been tested in rats and found to cause no significant reproductive effects.

**Signs and symptoms** : No uneasiness to skin. Forbade eating as edible food.

**Potential environment effects** : Not considered to be harmful to aquatic life.

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

acetylated starch	30%	CAS 9045-28-7
Carboxymethyl starch	50%	CAS 9063-38-1
Carboxymethyl Cellulose	2%	CAS 9004-32-4
Sodium Polyacrylate	4%	CAS 9003-04-7
water less than	14%	CAS 7732-18-5
AOX content,	None	
Heavy metal content,	None	
Formaldehyde and other short-chain aldehydes,	None	
APEO	Not Detected	
PCP or TeCP	Not Detected	

### 4. FIRST AID MEASURES

First aid procedures	: No immediate medical assistance is acquired.
Note to physicians	: If ignorantly devoured in large amount, Emesis is necessary

### 5. FIRE-FIGHTING MEASURES

<b>Flammable class</b>	: Fine granules may form nuisance dust. Dumping slowly into sizing kettle.
<b>Extinguishing media</b>	: <b>Suitable extinguishing media</b> Use foam, carbon dioxide or dry chemical to extinguish fire. Use water spray to cool and protect personnel. <b>Unsuitable extinguishing media</b> None
<b>Protection of firefighters</b>	: Specific hazards arising from the chemical Carbon dioxide fumes, no other highly toxic fumes. Closed containers could violently rupture if exposed to extreme heat.
<b>Protective equipment and precautions for firefighters</b>	: Evacuate area and fight fire from a safe distance Wear proper personal protective equipment as indicated in Section 8

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### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Use personal protection recommended in Section 8. Isolate the area and deny entry to unnecessary personnel.
- Environmental precautions : This material is soluble in hot water. Though easily disposal, keep out of drains and waterways to prevent environmental contamination.
- Methods for containment : Collect as general trash.
- Methods for clean-up : Eliminate all ignition sources. Sweep materials and place in a disposal container.
- Other information : No need to report when leaks or releases.

### 7. HANDLING AND STORAGE

- Storage** : Dry warehouse with nice ventilation
- Handling** : Avoid contact eyes or clothing  
Wash thoroughly after handling for general hygiene  
Minimize dust generation and accumulation  
Avoid swallowing as edible food  
H371 May causes damage to organs if devoured a lot.

### 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

#### Personal Protection



- Exposure guidelines : Not established.
- Engineering controls : No specific controls are needed.
- Personal protective equipment (PPE) : **Eye/face protection**  
Use proper protective device such as goggles. No face shield is necessary.
- Skin protection**  
Wear resistant clothing such as gloves, apron avoid any dust.
- Respiratory protection**  
No air-purifying respirators are recommended.
- General hygiene considerations : Wash thoroughly after handling and before eating or drinking  
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### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: White or pale yellow fine granules
Solids(2 hours, 105°C)	: More than 86%
Viscosity(6%, 95°C)	: 10.0-12.0 mPa.S
PH ( 1% water soluble, 25°C )	: 6.5-8.5
Flowing stability	: More than 85%

### 10. STABILITY AND REACTIVITY

<b>Chemical stability</b>	: stable under normal ambient temperature and pressure
<b>Condition to avoid</b>	: Ignition sources, highly wet condition, excessive heat place
<b>Incompatible materials</b>	: None
<b>Hazardous decomposition products</b>	: None
<b>Possibility of hazardous reactions</b>	: None

### 11. TOXICOLOGICAL INFORMATION

Repeated exposure of humans to this product in controlled skin contact produced no skin irritation or skin allergy.

No birth defects were noted in the offspring of rats exposed to this product during pregnancy.

LD50=9850 mg/Kg ( Bliss method, 14Days, mice).  
LC50=250.0 mg/l (ISO 15088, 48 hours, Brachydanio rerio)  
EC50=148.0 mg/l (OECD 202-1984, 48 hours, Daphnia magna)  
IC50 > 100.0 mg/l (OECD 201 72hours Pseudokirchneriella subcapitata)

### 12. ECOLOGICAL INFORMATION

No adverse effects were seen on plant germination at 10 mg/L in the following plants:

Rye grass, radish and lettuce

The material is readily biodegradable.

Eliminability=85.44% OECD 301F 28 days

BOD5=256 COD=780 BOD5/COD=0.328

### 13. DISPOSAL CONSIDERATION

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act ( RCRA) 40 CFR 261.

Empty packages must be triple-rinsed prior to disposal.

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**14. TRANSPORT INFORMATION**

**General information** : Not regulated

**15. REGULATORY INFORMATION**

**Symbol(s)** : None

**R-phrase(s)** : None

**S-Phrase(s)** : None.

**16. OTHER INFORMATION**

**Further information** : NONE