

Crosfield Textiles Chemicals (I) Pvt. Ltd.

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

Page - 1 -	CELSIZE 5002
Revised edition no. : 1	
DATE – MAR. 2018	

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

Product Name	: CELSIZE 5002
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 amount Ingestion
- Small amounts (a teaspoonful) are not likely to cause damage.

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.
Rats favorably devoured as food.

Signs and symptoms

- No uneasiness to skin. Forbade eating as edible food.
Potential environment effects

- Not considered to be harmful to aquatic life.

Crosfield Textiles Chemicals (I) Pvt. Ltd.

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

Page - 2 -

Revised edition no. : 1

DATE – MAR. 2018

CELSIZE 5002

3. COMPOSITION / INFORMATION ON INGREDIENTS

- Oxidized starch.	: 75%	CAS 65996-62-5
- Polyacrylate	: 17%	CAS 9003-04-7
- Moisture (H ₂ O)	: 13%	CAS 7732-18-5
- AOX content	: None	
- Heavy metal content	: None	
- Formaldehyde and other short-chain aldehyde	: 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

Flammable class	: Fine granules may form nuisance dust. Dumping slowly into sizing kettle.
Extinguishing media	: water, foam & powder extinguisher.
Surrounding fires	: Use water spray or fog for cooling exposed containers.
Special procedures	: Carbon dioxide fumes, no other highly toxic fumes. Closed containers could violently rupture if exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Clean up method	: Eliminate all ignition sources. Sweep materials and place in a disposal container
Environmental precaution	: This material is soluble in hot water. Though easily disposal, keep out of drains and waterways to prevent environmental contamination.

7. HANDLING AND STORAGE

Storage	: Dry warehouse with nice ventilation
Handling	: Avoid contact eyes or clothing Wash thoroughly after handling for general hygiene

Crosfield Textiles Chemicals (I) Pvt. Ltd.

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

Page - 3 -	CELSIZE 5002
Revised edition no. : 1	
DATE – MAR. 2018	

Methods of containment	Minimize dust generation and accumulation
Methods for clean up	: Collect as general trash
	: Eliminate all ignition sources. Sweep materials and place in a Disposable container.
Other information	: No need to report when leaks or releases.

8. EXPOSURE CONTROL/ PERSONAL PROTECTION

Personal Protection



Respiratory Protection	: No air-purifying respirators are recommended
Skin protection	: Wear resistant clothing such as gloves, apron avoid any dust.
Eye protection	: Use proper protective device such as goggles. No face shield is necessary
Ingestion	: Ingestion unlikely.
Industrial Hygiene	: Wash thoroughly after handling and before eating or drinking

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Nature	: Powder
Appearance	: White or pale yellow fine granules
Solids (2 hours @ 105°C)	: More than 86%
Viscosity (6%, 95° C)	: 5.0 - 12.0 mPa.S
Folowing solubility	: More than 85%
pH(1% water soluble, 25 dc)	: 6-8

10. STABILITY AND REACTIVITY

Chemical stability	: stable under normal conditions
Condition to avoid	: Ignition sources, highly wet condition, excessive heat place
Hazardous properties	: None under normal conditions
Hazardous decomposition products	: None
Possibility of hazardous reactions	: None

Crosfield Textiles Chemicals (I) Pvt. Ltd.

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

Page - 4 -

Revised edition no. : 1

DATE – MAR. 2018

CELSIZE 5002

11. TOXICOLOGICAL INFORMATION

Rat oral LD50 (mg/kg) : 9500 mg/Kg (
Rat inhalation LC 50 (mg/kg) : 200.0 mg/l
EC 50 : 128.0 mg/l
IC 50 : > 100.0 mg/l

12. ECOLOGICAL INFORMATION

Eliminability : 98.1% (OECD 302 Bclosed bottle test, 28 days)
BOD (5 Days) : 206
COD : 834
BOD/COD : 0.247

13. DISPOSAL CONSIDERATION

General : Dispose in a safe manner in accordance with local/national regulations.
: Empty packages must triple -rinse prior to disposal

14. TRANSPORT INFORMATION

General information : Not regulated

15. REGULATORY INFORMATION

Symbol(s) : None
: Keep away from food , not devour as edible substance.
R-phrase(s) : None
S-Phrase(s) : None.

16. OTHER INFORMATION

Further information :
MSDS Creation date : 24 March 2018