

Coagulant

MATERIAL SAFETY DATA SHEET

HAZARD CODES : HEALTH () FLAMMABILITY () REACTIVITY ()

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REFERENCE NO. 311102

Revised Sept. 13, 2004

SECTION 1 - CHEMICAL PRODUCT IDENTIFICATION

COMMODITY NAME	PAPER MAKING AGENT (ACRYPERSE PNS)
EMERGENCY TELEPHONE NO.	81-3-3538-0853
CHEMICAL NAME AND SYNONYMS	Polyacrylamide, Flocculants anionic type
CAS NO.	25085-02-3
CHEMICAL FAMILY	Water soluble polyacrylic resin
FORMULA	

SECTION 2 - HAZARDS IDENTIFICATION

CLASSIFICATION	This product is not applicable to the classification standard.
RISK	This product is not a dangerous article specified in the Fire Services Act.
TOXICITY	This product stimulates eyes. And stimulates skin, when this product attaches to the skin with water or sweat.
THE ACUTE TOXICITY	Low

SECTION 3 - FIRST AID MEASURES

EYE CONTACT	Wash off immediately with soap and plenty of water for more than 15 minutes, and take medical treatment.
SKIN CONTACT	Wash the skin with much water. Take medical treatment in case of physical abnormality.
SWALLOWED	Force a person into drinking much water or saline solution to vomit the product, and make a person take medical treatment.

SECTION 4 - FIRE FIGHTING MEASURES

FIRE EXTINGUISHING AGENTS	Use water , foam , carbon dioxide(CO2)

SECTION 5 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid dust formation. Use personal protective equipment. watch out your steps because it is slippery on the product absorbed water.
METHODS FOR CLEANING	Sweep up and collect dry product. Absorb wet product with vermiculite or other inert material. Then water wash area to waste treatment to eliminate slip hazard.

SECTION 6 - HANDLING AND STORAGE	
HANDLING	When handling the product with its bag open, ventilate the work place, and put protectors on such as a protective mask, glasses, and rubber gloves. wash your hands and rinse out your throat after handling the product.
STORAGE	Seal and store the product in a dry covered place. avoid the direct sunshine and high temperature.

SECTION 7 - EXPOSURE CONTROLS	
CONTROL CONCENTRATION	Not specified
ALLOWABLE CONCENTRATION	Not specified
PROTECTORS	Respirator : Dustproof mask Protective glasses : Protective glasses with side visors Protective gloves : Rubber gloves Protective wear : Long sleeve work wear

SECTION 8 - PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE	White powder
SPECIFIC GRAVITY	0.55 - 0.65
SOLUBILITY	Soluble in water to present a highly viscous solution.

SECTION 9 - STABILITY AND REACTIVITY	
STABILITY	This product is stable, no hazardous polymerization will occur.
FLASH POINT	NIL
IGNITION POINT	Not reported so far.
EXPLOSION LIMIT	Not reported so far.
IGNITABILITY	NIL
OXIDIZATION	NIL
MATERIALS TO AVOID	

SECTION 10 - TOXICOLOGICAL INFORMATION	
SKIN CORROSIVENESS	Not reported
SKIN STIMULATION	Low
EYE STIMULATION	Low
SENSITIVITY	Not reported so far.
ACUTE TOXICITY	LD50 = more than 6,000mg/kg (from an experiment in which product was orally administered to mice)

SECTION 11 – ECOLOGICAL INFORMATION	
DEGRADABILITY	The biodegradability may be low.
ACCUMULATION	Not reported so far.
TOXICITY TO FISHES	TLm(48 hours) 500 mg/l (cyprinodont)

SECTION 12 – DISPOSAL CONSIDERATION	
DISPOSAL	Entrust the disposal to an officially registered disposer..
OTHER	Do not dispose of the product together with other chemicals.

SECTION 13 – REGULATORY INFORMATION	
CHEMICAL INSPECTION Act: Specific or appointed chemicals	: Not applicable
FIRE SERVICES Act : Dangerous things	: Not applicable
LAVOR SAFETY AND HYGIENE Act : Regulations for specific chemicals	: Not applicable
POISONOUS AND POWERFUL SUBSTANCES REGULATION LAW	: Not applicable

NOTE :

The information contained in this sheet is, to the best of our knowledge, true and accurate, but any recommendations or suggestions which may be made are without guarantee, since the conditions of use are beyond our control.

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