

MATERIAL SAFETY DATA SHEET**Section 1 : Chemical Product and Company Identification**

Product Name : **Leotex N18F – 192**
 Chemical Family : Inorganic compound and water
 Distributor's Name : **PT. HARAP INDO ANUGRAH BERSATU**
 Jl. Caringin No. 230-232
 Bandung, Indonesia
 Emergency Telephone : (022) 6041225 Fax. : (022) 6041226

Section 2 : Composition/Information on Ingredients

Hazardous Components	CAS No.	EINECS No.	ACGIH'S TLV	Percentage
No reportable quantities of hazardous ingredients are present				

Section 3 : Hazards Identification**Potential Health Effects**

Inhalation : No hazard in normal industrial use.
 Eye contact : May be Irritating to eyes.
 Skin contact : Prolonged or repeated contact may cause skin irritation.
 Ingestion : May be harmful if swallowed.

Section 4 : First Aids and Measures

Inhalation : If you feel unwell, seek medical advice.
 Eye contact : In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes. Seek medical advice.
 Skin contact : After contact with skin, wash immediately with plenty of water.
 Ingestion : If swallowed, seek medical advice immediately and show this container or label.

Section 5 : Fire-fighting Measures

Suitable fire extinguish media :
 Water , Foam , Carbon dioxide , Dry powder

Special exposure hazards : None
 Protective equipment for firefighters : None

Section 6 : Accidental Release Measures

Personal Precautions :
 Not required

Environmental Precaution :
 Do not allow to flow into drainage system.
 Not required

Procedures for cleaning and recovery :
 Remove with liquid-absorbing materials, (sand, sawdust, peat, etc.)

Section 7 : Handling and Storage

Handling : Avoid contact with skin and eyes.
Prevent damage to the containers.

Storage : Store in a cool place.

Section 8 : Exposure Controls/Personal protection

Protective measures :
 Impervious Gloves , Safety Glasses or Goggles , Respirators

Special protective measures : No special measures required

Other protective equipment : Eye-wash station, Emergency shower

Section 9 : Physical and Chemical Properties

Appearance : Transparent Liquid.
 Odor : No special odor
 pH (Undiluted) : Approx. 8 ~ 9
 Melting point : No Data
 Boiling point : 100°C
 Specific gravity : No data
 Flash Point : > 100°C
 Flammability : No Flammable
 Auto ignition temperature : None
 Oxidizing property : None
 Solubility : Soluble in cold water

Section 10 : Stability and Reactivity

Stability : Stable, Unstable
 Condition to be avoided : None
 Substances to be avoided : None
 Dangerous degradation products : None

Section 11 : Toxicological Data

Acute toxicity LC₅₀ : No data
 Irritant effect on skin : No data
 Irritant effect on eyes : No data

Section 12 : Ecological Data

Eco-toxic effects :
 BOD₅ : No Data
 COD (Mn) : No Data
 LC₅₀ : No Data

Section 13 : Disposal Consideration

Waste disposal method :
In accordance with local authority regulations, take to special waste incineration plant.

Section 14 : Transport Information

International regulation
UN Class : Not applicable
UN No : Not applicable
Packing Group : Not applicable
Not Regulated by IATA

Section 15 : Regulatory Information

Marking according to EC diction : No data
National legal regulation : No data
CAS Number : Registered

Section 16 : Other Information

This information's are based on our present state of knowledge.
It is intended to describe the product from the point of view of safety requirements and is not intended to guarantee any particular properties.