

**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.)

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**Section 7 : Handling and Storage**


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

Storage : Store in a cool place.

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**Section 8 : Exposure Controls/Personal protection**


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

Special protective measures : No special measures required

Other protective equipment : Eye-wash station, Emergency shower

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**Section 9 : Physical and Chemical Properties**


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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

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**Section 10 : Stability and Reactivity**


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

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**Section 11 : Toxicological Data**


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Acute toxicity LC<sub>50</sub> : No data  
 Irritant effect on skin : No data  
 Irritant effect on eyes : No data

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**Section 12 : Ecological Data**


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Eco-toxic effects :  
 BOD<sub>5</sub> : No Data  
 COD (Mn) : No Data  
 LC<sub>50</sub> : No Data

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Section 13 : Disposal Consideration

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

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Section 14 : Transport Information

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

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Section 15 : Regulatory Information

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

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Section 16 : Other Information

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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.