

## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name: **POLYHEED 1731**

Company: PT BASF Construction Chemicals Indonesia  
Address: Jl. Jababeka V, Block I -1  
Cikarang Industrial Estate, Bekasi 17530 Indonesia.

Telephone number: +62 21 8934339  
Facsimile: +62 21 8934342  
Emergency telephone numbers: +62 21 8934339

### 2. HAZARDS IDENTIFICATION

Safety hazards: None identified.

Health hazards: May cause eye or skin irritation. May cause skin sensitization in susceptible individuals.

Environmental hazards: See Section 12.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization:	Aqueous preparation based on Lignin Sulphonate & Naphtalene Sulphonate	
Hazardous Ingredients:	Formaldehyde	Mono ethanol amine
CAS No:	50-00-0	141-43-45
Hazard symbols:	Xi, Xn	C, Xn
R-phrases:	n.d.	36/37/38
% Concentration:	< 0.5	< 1.8

### 4. FIRST AID MEASURES

#### Immediate treatment

Eye contact: While holding eyes open, flush with plenty of fresh water for at least 15 minutes. Seek immediate medical advice.

Skin contact: Wash with soap and water.

Inhalation: Move to fresh air. Lay patient down and rest

Ingestion: Drink plenty of water. Do not induce vomiting & do not give anything by mouth to unconscious person. Seek medical advice

First aid facilities: Ensure availability of clean water for eye/skin wash

Information for physicians: Treat symptomatically

### 5. FIRE FIGHTING MEASURES

Special hazards: None.

Protective equipment: Eye protection required.

Extinguishing agents: Product is non-combustible. For residual solids, use water spray, carbon dioxide, dry chemical or universal type foams.

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### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Eye protection and skin protection required.
Environmental precautions:	May be flushed down sewers if local regulations permit or connected to waste water treatment plant.
Method for cleaning up:	Soak up with sand or other suitable material and or wash down with water and dispose as in 13.

### 7. HANDLING AND STORAGE

#### Condition for safe storage.

Requirements for storage rooms: Temperature conditions 5 – 35 °C

Materials not to be stored together: n.a.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### **Personal protection**

Respiratory protection:	Wear simple mask
Eye protection:	Wear safety glasses
Hand protection:	Protective gloves or suitable barrier cream recommended.
Body protection:	Protective industrial clothing recommended.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Dark Brown
Odour:	Characteristic Odour
Freezing temperature:	-3°C
Boiling point:	>100°C
Melting point:	n.a.
Flash point:	n.a.
P1:	n.a.
EPL (in):	n.a.
Vapour pressure:	n.a.
Vapour density:	n.a.
Relative density:	Approx 1.14 @ 25°C
Solubility:	Soluble
pH value:	8.0 – 10.0 @ 25°C
Partition coefficient:	n.a.
Viscosity:	n.a.

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### 10. STABILITY AND REACTIVITY

Stability:	Stable under normal storage and application temperature.
Hazardous reactions (conditions to avoid):	Freezing.
Materials to avoid:	n.a.
Hazardous decomposition products:	None.

### 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity (lethal dose)

##### LD50 oral Albino rat

Dose:	n.d.
Additional information:	n.d.
Information applies to:	POLYHEED 1731

##### LC50 inhalation Albino rat

Dose:	n.d.
Additional information:	n.d.
Information applies to:	POLYHEED 1731

#### Acute toxicity (irritation, sensitization etc.)

##### Eye irritation Albino rabbit

Result:	n.d.
Symptoms:	n.d.
Method:	n.a.

##### Skin irritation Albino rabbit

Results:	n.d.
Symptoms:	n.d.
Method:	n.a.

#### Delayed or chronic toxicological effects

Additional information:	n.d.
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### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

LC50 dose: n.d.

#### Additional information

Ecotoxicity:

#### Biochemical oxygen demand

COD: n.d.

BOD: n.d.

Other: n.a.

### 13. DISPOSAL CONSIDERATIONS

Dispose in approved method for industrial waste in accordance with local legislation requirements.

### 14. TRANSPORT INFORMATION

Product is not classified as dangerous goods in any transport regulation.

#### Road transport ADR / RID

Class: n.as.

Number/letter: n.as.

Warning sign: n.as.

Hazard No: n.as.

UN No: n.as.

#### Maritime / Air transport IMDG

UN No: n.as.

PG: n.as.

Class: n.as.

IMDG code page: n.as.

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### 15. REGULATORY INFORMATION

Classification: Non-hazardous.  
Hazard labels: None required.  
R-phrases: n.as.  
S-phrases: n.as.

**National regulatory information:**

**Other regulations, restrictions and prohibitions:**

n.a.

### 16. OTHER INFORMATION

Reason for Issue: New format & Change of company name.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.

**Key**

n.a. = not applicable  
n.as. = not assigned  
n.d. = no data available