



CYNOR LABORATORY

Address: National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

Email: cynorlaboratories@gmail.com Mobile No.: +91 8799070507

## MATERIAL SAFETY DATA SHEET

Product Name	ALUMINIUM HYDROXIDE GEL
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### 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

Trade name : ALUMINIUM HYDROXIDE GEL

Product code : A0134

Identification of the product: ALUMINIUM HYDROXIDE GEL

CAS No :21645-51-2

#### 1.2 Relevant identified uses of the substance or mixture and uses advised

againstUse: Industrial. For professional use only.

#### 1.3 Details of the supplier of the safety data sheet

Company identification: CYNOR

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### 2. Hazards identification -DSD

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), H302

Category 4

Serious eye damage/eye H319

irritation, Category 2

Full text of classification categories and H statements : see section 16

Classification according to Directive 67/548/EEC or 1999/45/EC

Xn; R22

Xi; R36

Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2 Label element

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to displayExtra classification(s) to display

Symbol(s) : Xi : Irritation.



R Phrase(s) : R36: Irritating to eyes

S Phrase(s) : S26: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advise.

S36 : Wear suitable protective clothing.

Hazard pictograms :



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### **Signal word : Warning**

**Hazard statements :** H319 : Causes serious eye irritation.

#### **Precautionary statements**

• **Prevention :** P280: Wear protective gloves, protective clothing, eye protection, face protection.

P264: Wash thoroughly after handling.

• **Response :** P305+P351+P338: IF IN EYES : Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

### **2.3 Other hazards**

**Other hazards :** The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of Regulation REACH.

### **3. Composition/information on ingredients**

**Substance / Preparation:** ALUMINIUM HYDROXIDE GEL

CAS No :21645-51-2

Substance.

Contains no other components or impurities which will influence the classification of the product.

### **4. First aid measures**

#### **4.1 Description of first aid measures**

**Inhalation :** Assure fresh air breathing. Allow the victim to rest.

**Skin contact :** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

**Eye contact :** If eye irritation persists : Get medical advice. Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.

**Ingestion :** Obtain emergency medical attention. Rinse mouth. Do NOT induce vomiting

#### **4.2 Most important symptoms and effects, both acute and delayed**

**Symptoms relating to use :** Causes serious eye irritation.

#### **4.3 Indication of any immediate medical attention and special treatment needed**

**General information :** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

### **5. Fire-fighting measures**

#### **5.1 Extinguishing media**

**Suitable extinguishing media :** Foam. Dry powder. Carbon dioxide. Water spray. Sand.

**Unsuitable extinguishing media :** Do not use a heavy water stream.

**Surrounding fires :** Use water spray or fog for cooling exposed containers.

#### **5.2 Specific hazards arising from the substance or mixture**

**Hazardous combustion products :** Under fire conditions, hazardous fumes will be present.

#### **5.3 Advice for fire-fighters**

**Protection against fire :** Do not enter fire area without proper protective equipment, including respiratory protection.



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Special procedures : Exercise caution when fighting any chemical fire. Avoid (reject)fire-fighting water to enter environment

## **6. Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

**For emergency responders** : Equip cleanup crew with proper protection. Ventilate area.

**For non-emergency personnel** : Evacuate unnecessary personnel.

### **6.2 Environmental precautions**

**Environmental precautions** : Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters

### **6.3 Methods and material for containment and cleaning up**

**Clean up methods** : On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials.

### **6.4 Reference to other sections**

See section 8. Exposure controls/personal protection

## **7. Handling and storage**

### **7.1 Precautions for safe handling Handling :**

Wash thoroughly after handling.

**Technical protective measures** : Provide good ventilation in process area to prevent formation of vapour.

### **7.2 Conditions for safe storage, including any incompatibilities**

**Storage** : Keep only in the original container in a cool, well ventilated place. Keep container closed when not in use.

**Storage - away from** : Strong bases. Strong acids. Sources of ignition. Direct sunlight.

### **7.3 Specific end use(s)**

**Specific end use(s)** : None.

## **8. Exposure controls/personal protection**

### **8.1 Control parameter**

No additional information available

### **8.2 Exposure control**

**Personal protection** : Avoid all unnecessary exposure.

• **Respiratory protection** : Wear approved mask.

• **Hand protection** : Wear protective gloves.

• **Eye protection** : Chemical goggles or safety glasses.

• **Others** : When using, do not eat, drink or smoke.

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

**Physical state at 20 °C** : Solid.

**Odour threshold** : No data available.

**pH value** : Not applicable.

**Melting point [°C]** : 300°C

**Decomposition point [°C]** : N/A

**Critical temperature [°C]** : N/A

**Auto-ignition temperature [°C]** : N/A

**Flammability (solid, gas) : N/A**

**Flash point [°C] : N/A**

**Boiling point [°C] : N/A**

**Initial boiling point [°C] : N/A**

**Final boiling point [°C] : N/A**

**Evaporation rate : N/A**

**Vapour pressure [20°C] : N/A**

**Vapour pressure mm/Hg : N/A**

**Vapour density : N/A**

**Density [g/cm3] : 2,42**

**Relative density, gas (air=1) : N/A**

**Relative density, liquid (water=1) : N/A**

**Solubility in water [% weight] : Insoluble in water**

**Solubility in water : N/A**

**Log Pow octanol / water at 20°C : No data available.**

**Solubility : >7**

**Viscosity at 40°C [mm2/s] : N/A**

## **9.2 Other information**

**Explosive properties : N/A**

**Explosion limits - upper [%] : N/A**

**Explosion limits - lower [%] : N/A**

**Oxidising properties : No data available.**

## **10. Stability and reactivity**

### **10.1 Reactivity**

**Reactivity : Not established.**

### **10.2 Chemical stability**

**Chemical stability : Stable under recommended storage conditions.**

### **10.3 Possibility of hazardous reactions**

**Hazardous reactions : Not established.**

### **10.4 Conditions to avoid**

**Conditions to avoid : Direct sunlight. Extremely high or low temperatures.**

### **10.5 Incompatible materials**

**Materials to avoid : Strong acids. Strong bases.**

### **10.6 Hazardous decomposition products**

**Hazardous decomposition products : Fumes. Carbon monoxide. Carbon dioxide.**

## **11. Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

**• Inhalation : Based on available data, the classification criteria are not met.**

**• Dermal : Based on available data, the classification criteria are not met.**

**• Ingestion : Based on available data, the classification criteria are not met.**

**Corrosion : Based on available data, the classification criteria are not met.**

**Irritation : Causes serious eye irritation.**

**Sensitization : Based on available data, the classification criteria are not met.**

**Mutagenicity : Based on available data, the classification criteria are not met.**

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**Carcinogenicity** : Based on available data, the classification criteria are not met.

**Toxic for reproduction** : Based on available data, the classification criteria are not met.

**STOT-single exposure** : Based on available data, the classification criteria are not met.

**STOT-repeated exposure** : Based on available data, the classification criteria are not met.

**Aspiration hazard** : Based on available data, the classification criteria are not met.

## **12. Ecological information**

### **12.1Toxicity**

**Toxicity information** : Not established.

### **12.2Persistence - degradability**

**Persistence - degradability** : Biodegradable.

### **12.3Bioaccumulative potential**

**Bioaccumulative potential** : Not established.

### **12.4Mobility in soil**

**Mobility in soil** : Not established.

### **12.5Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** : The substance does not fulfil the criteria to be identified as PBT substance or vPvB substance according to Annex XIII of RegulationREACH.

### **12.6Other adverse effects**

**Environmental precautions** : Avoid release to the environment.

## **13. Disposal considerations**

### **13.1Waste treatment methods**

**General** : Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

## **14. Transport information**

### **14.1 Land transport (ADR-RID)**

**General information** : Not regulated.

### **14.2 Sea transport (IMDG) [English only]**

**General information** : Not regulated.

### **14.3 Air transport (ICAO-IATA) [English only]**

**General information** : Not regulated.

## **15. Regulatory information**

### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Safety, health and environmental** : Ensure all national/local regulations are observed.

**regulations/legislation specific for the substance or mixture**

**REACH Restrictions - Annex XVII** : The components of this product are not subject to restrictions.

**REACH Authorisation - Annex XIV** : The components of this product are not subject to authorization.

### **15.2 Chemical safety assessment**

**Chemical Safety Assessment** : It has not been carried out.



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**16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic.vPvB:  
very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE  
EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on  
classification, labelling and packaging of substances and mixtures, amending and  
repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC)  
No 1907/2006

**Further information** : None.

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation(CE) N°  
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**End of document**

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