



# MATERIAL SAFETY DATA SHEET

PART NUMBERS: 15 99 89 – 15 99 95

<b>SECTION 1</b>	<b>PRODUCT IDENTIFICATION AND MANUFACTURE</b>
------------------	---

**SUPPLIER:** METPREP LTD.  
CURRIERS CLOSE  
CHARTER AVENUE  
COVENTRY CV4 8AW  
TELEPHONE: 024 7642 1222  
FAX: 024 7642 1192

**DESCRIPTION:** Polishing Alumina

**PRODUCT:** Aqueous Suspensions

<b>SECTION 2</b>	<b>SUBSTANCE HAZARD IDENTIFICATION</b>
------------------	--

**2.1. Classification of the substance or mixture**

**Main hazards:** No Significant Hazard

**2.2. Label elements**

**Precautionary Statement: Prevention** P281 - Use personal protective equipment as required.

-----  
**Precautionary Statement: Response** P302+P350 - IF ON SKIN: Gently wash with plenty of soap and water.

-----  
**Precautionary Statement: Storage** P402+P404 - Store in a dry place. Store in a closed container.

-----  
**Precautionary Statement: Disposal** P501 - Dispose of contents/container to an approved waste disposal unit.

-----  
**Risk phrases** No Significant Hazard

**2.3. Other hazards**

Other hazards No data is available on this product.

<b>SECTION 3</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
------------------	---



## **SECTION 4 FIRST AID MEASURES**

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

Inhalation Move the exposed person to fresh air.  
Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open.  
Skin contact Wash off immediately with plenty of soap and water. Remove contaminated clothing.  
Ingestion DO NOT INDUCE VOMITING.

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

Inhalation Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system.  
Eye contact May cause irritation to eyes.  
Skin contact May cause irritation to skin.  
Ingestion Ingestion may cause nausea and vomiting.

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

Inhalation If you feel unwell, seek medical advice (show the label where possible).  
Eye contact Seek medical attention.  
Skin contact Seek medical attention if irritation or symptoms persist.  
Ingestion If you feel unwell, seek medical advice (show the label where possible).

## **SECTION 5 FIRE FIGHTING MEASURES**

### **5.1. Extinguishing media**

Use extinguishing media appropriate to the surrounding fire conditions.

### **5.2. Special hazards arising from the substance or mixture**

Burning produces irritating, toxic and obnoxious fumes.

### **5.3. Advice for firefighters**

Wear self contained breathing apparatus and protective clothing.

## **SECTION 6 ACCIDENTAL RELEASE MEASURES**

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

Ensure adequate ventilation of the working area. Avoid contact with skin and eyes.

### **6.2. Environmental precautions**

Do not allow product to enter drains. Prevent further spillage if safe.

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

Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

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

See section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION for further information.

See section 13. DISPOSAL CONSIDERATIONS for further information.



## SECTION 7 HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ensure adequate ventilation of the working area. Avoid contact with eyes and skin. Adopt best Manual Handling considerations when handling, carrying and dispensing.

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

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

### 7.3. Specific end use(s)

See section 1.2. Relevant identified uses of the substance or mixture and uses advised against for further information.

## SECTION 8 EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1. Control parameters

Occupational exposure controls.

### 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear protective clothing.
Eye / face protection	Approved safety goggles.
Skin protection -	
Handprotection	Wear suitable gloves
Skin protection - Other	Wear suitable protective clothing.
Respiratory protection	Wear suitable respiratory equipment when necessary.
Occupational exposure controls	Keep away from food, drink and animal feeding stuffs.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Viscosity Liquid
Colour	White/Opaque
Odour	Mild
pH	8
Melting point	Not applicable.
Freezing Point	< 0 °C
Initial boiling point	100 °C
Flash point	> 100 °C
Autoignition temperature	> 200 °C
Viscosity	> 120 cps@20°C
Explosive properties	No data available
Solubility	Miscible in water



## **9.2. Other information**

**Specific gravity** 1 g/cm<sup>3</sup>

## **SECTION 10 STABILITY AND REACTIVITY PROPERTIES**

### **10.1. Reactivity**

Stable under normal conditions.

### **10.2. Chemical stability**

Stable under normal conditions.

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

No data is available on this product.

### **10.4. Conditions to avoid**

No data is available on this product.

### **10.5. Incompatible materials**

No data is available on this product.

### **10.6. Hazardous decomposition products**

No data is available on this product.

## **SECTION 11 TOXICOLOGICAL INFORMATION**

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

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.

#### **11.1.4. Toxicological Information**

No data available

## **SECTION 12 ECOLOGICAL INFORMATION**

### **12.1. Toxicity**

No data available

### **12.2. Persistence and degradability**

No data is available on this product.

### **12.3. Bioaccumulative potential**

No data is available on this product.

### **12.4. Mobility in soil**

No data is available on this product.

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

No data is available on this product.

### **12.6. Other adverse effects**

No data is available on this product.



## SECTION 13

## DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations.

## SECTION 14

## TRANSPORT INFORMATION

### 14.1. UN number

The product is not classified as dangerous for carriage.

### 14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

### 14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

### 14.4. Packing group

The product is not classified as dangerous for carriage.

### 14.5. Environmental hazards

The product is not classified as dangerous for carriage.

### 14.6. Special precautions for user

The product is not classified as dangerous for carriage.

No data is available on this product.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

No data is available on this product.

## SECTION 15

## REGULATORY INFORMATION

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

Regulations REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC,

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

### 15.2. Chemical safety assessment

No data is available on this product.



## SECTION 16

## OTHER INFORMATION

### Other information

#### Revision

This document differs from the previous version in the following areas:

9 - 9.1. Information on basic physical and chemical properties (Appearance).

9 - 9.1. Information on basic physical and chemical properties (PH).

9 - 9.1. Information on basic physical and chemical properties (Initial boiling point).

9 - 9.1. Information on basic physical and chemical properties (Melting point).

9 - 9.1. Information on basic physical and chemical properties (Flash point).

9 - 9.1. Information on basic physical and chemical properties (Viscosity).

#### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.