

# SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: ALUMINIUM OXIDE POWDER  
MODEL NO. AOP120  
PART NO: 3052080  
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,  
HEMNALL STREET, EPPING, ESSEX. CM16 4LG  
BUSINESS TELEPHONE: 01992 565300  
BUSINESS FAX: 01992 561562  
EMERGENCY TELEPHONE: 01325 488550

## 2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK	
		(Class)	(R. No.)
Silicon Dioxide	1.00	NONE	
Aluminium Oxide	96.2	NONE	
Iron Oxide	0.12	NONE	
Titanium Dioxide	2.75	NONE	
Calcium Oxide	0.21	NONE	

## 3. HAZARDS IDENTIFICATION:

Inhalation of dust may result in irritation of mucous membranes. Long term inhalation may result in pneumoconiosis.

## 4. FIRST AID MEASURES:

### FIRST AID:

In the event of:

*Eye Contact:* Wash thoroughly with clean water for 15 minutes and seek immediate medical attention.  
*Skin Contact:* Wash thoroughly with clean water. Seek medical attention for persistent irritation. Wash contaminated clothing before reuse.  
*Ingestion:* Do not induce vomiting. Get medical attention.  
*Inhalation:* Find area of fresh air. If breathing becomes difficult, seek medical attention.

## 5. FIRE FIGHTING MEASURES:

NON FLAMMABLE.

## 6. ACCIDENTAL RELEASE MEASURES:

### SPILL CLEANUP METHODS:

Carefully sweep up material and wash floor with soap and water. Dispose solid waste in suitable container.

## 7. HANDLING & STORAGE:

### USAGE PRECAUTIONS:

Keep containers tightly closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXPST EXP	
		( 8 hrs)	(10 min)
Silicon Dioxide		<1.2	<1.2
Aluminium Oxide		95.00-97.5	95.00-97.5
Iron Oxide		<0.2	<0.2
Titanium Dioxide		2.2-3.0	2.2-3.0
Calcium Oxide		<0.3	<0.3

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## 9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Brown ...
Odour	NO
Solubility	NO
Solubility Value	NO
Specific Gravity	3.94
Ph	7
Flash point	NO

## 10. STABILITY AND REACTIVITY:

Materials to Avoid:	Strong oxidising agents, alkalis, and acids
Hazardous decomposition products:	Upon burning may release carbon dioxide and carbon monoxide.
Hazardous Polymerization:	Will not occur

## 11. TOXICOLOGICAL INFORMATION:

Not available

## 12. ECOLOGICAL INFORMATION:

Not available

## 13. DISPOSAL CONSIDERATIONS:

### DISPOSAL METHODS:

Dispose in accordance with local and national government regulations

## 14. TRANSPORT INFORMATION:

Not available

## 15. REGULATORY INFORMATION:

Not available

## 16. OTHER INFORMATION:

LAST UPDATED : 28/07/06