

**TECHNICAL DATA SHEET****PRODUCT NAME: AZTEC BAKERY GRAPHITE COMPOUND W**

Aztec Bakery Graphite Compound is a dispersion of 16% natural graphite in water  
The product evaporates cleanly at high temperatures leaving  
a residual film that continues to lubricate at temperatures up to 600 0C.

**TECHNICAL DETAILS**

Appearance & odour	Black liquid Mild ammonia odour.
Boiling point/range oC	100
Melting point/range ( oC )	0
Particle Size	Mainly 1-8 microns
Relative density	1.0-1.2
pH	>10.0
Operating temperature	Up to 600 oC

**PRODUCT USES**

The product can be used to lubricate conveyor chains and bearings in bakery and curing ovens where contamination from the lubricant cannot be tolerated. It has excellent load bearing characteristics and can be used in chemically hostile environments. It reduces wear thus it can save on maintenance costs and lubricant use.

**APPLICATION**

The product should be applied to surfaces between 10oC & 180oC by using brush, mop, oil can or low pressure spraying.

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**MATERIAL SAFETY DATA**

## **AZTEC BAKERY GRAPHITE COMPOUND W**

### **1. Identification of Chemical**

Chemical name: Aztec Bakery Graphite Compound

### **2. COMPOSITION**

Composition: 16% natural graphite in water.

### **3. HAZARD IDENTIFICATION**

Main hazards: This product has a relatively low toxicity rating and no handling problems are likely to be encountered providing normal safe practices of hygiene are applied.

### **4. FIRST AID MEASURES**

Skin contact: Wash with soap & clean water

Eye contact: Flush with copious quantities of clean water.

Ingestion: If the patient feels unwell seek medical attention.

Inhalation: N/A

### **5. FIRE FIGHTING MEASURES**

Exposure hazards: Not applicable

Suitable extinguisher: Product is not flammable.

### **6. ACCIDENTAL RELEASE MEASURES**

Personal protection: Wear eye protection and gloves.

Leaks & spills: Flush to drain with water.

Cleanup Procedures: Wash the spillage site with large amounts of water.

### **7. HANDLING AND STORAGE**

Handling requirements: Wear eye protection & gloves

Storage precautions: No special storage conditions.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Personal protection: Wear eye protection and gloves.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance and odour: Black Liquid Mild ammonia odour

, also reacts generating heat with strong alkalis.

Boiling point range oC 100

Relative density,: 1.0-1.2

#### 10. STABILITY AND REACTIVITY

Avoid contact with: Reacts violently with alkali metals and strong acids

#### II. TOXICOLOGICAL INFORMATION

Health effects: Skin: May cause irritation to skin

Eyes: May cause irritation to eyes.

Inhalation: No effects observed.

Ingestion: May be harmful if ingested in quantity.

#### 12. ECOLOGICAL EFFECTS

Ecotoxicity : Data not available

Persistence: Data not available

Appraisal: Data not available

#### 13. DISPOSAL CONSIDERATIONS

Waste disposal: Dispose to drain.

#### 14. TRANSPORT INFORMATION

MDC code

XDR I RID

IATA / ICAO

#### 15. REGULATORY INFORMATION

Classification: No Significant hazard

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used as a guide only. Aztec Oils Ltd shall not be held liable for any damage resulting from handling or contact with this product.