

## MATERIAL SAFETY DATA SHEET

## MSDS

## Section 1 – Product and Company Identification

**Product Name:** HOT SHOT Catering Fuel  
**Supplier name:** Portion Pak Limited  
**Supplier address:** Opposite Moala Village Junction  
Queens Road  
Malolo  
**Fax:** +679 670 6440  
**Emergency phone number:** +679 670 6374  
**MSDS number:** DG103429  
**Effective date:** 26 March 2015

## Section 2 – Hazard Identification

**Hazard description:** Not dangerous Goods  
**Skin Contact:** Harmful if absorbed through skin. Causes skin irritation.  
**Eye contact:** Causes serious eye irritation.  
**Ingestion:** Harmful if swallowed.  
**Inhalation:** May be harmful if inhaled. Causes respiratory tract irritation  
**Environmental hazards:** May be harmful to the environment

## Section 3 – Composition/Information on Ingredients

Component	Concentration (by weight)	CAS No.	EC No.	Hazard Label
Diethylene glycol	Business confidential	111-46-6	203-872-2	Not Dangerous Goods

## Section 4 – First aid Measures

**After skin contact:** Immediately wash with water and soap and rinse thoroughly. Seek immediate medical advice.  
**After eye contact:** Rinse opened eye for fifteen minutes under running water. Then consult a doctor.  
**After ingestion:** Don't induce vomiting. Rinse mouth with water. Consult a physician.  
**After inhalation:** Move person into fresh air. Consult a physician immediately.

### Section 5 – Fire Fighting Measures

<b>Hazardous products of combustion:</b>	Carbon oxides
<b>Extinguishing method:</b>	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide
<b>Special protective equipment:</b>	Wear self-contained respirator and fully protective impervious suit.

### Section 6 – Accidental Release Measure

<b>Personal precautions:</b>	Use personal protective equipment. Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas.
<b>Environmental precautions:</b>	Do not let product enter drains.
<b>Methods for cleaning up:</b>	Soak up with inert absorbent material and dispose of a hazardous waste. Keep in suitable, closed containers for disposal.

### Section 7 – Handling and Storage

<b>Handling:</b>	Use personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Keep away from sources of ignition – no smoking
<b>Storage:</b>	Keep container tightly closed in a dry and well-ventilated place.

### Section 8 – Exposure Controls, Personal Protection

<b>Engineering Controls:</b>	Safety shower and eye bath. Mechanical exhaust required.
<b>Respiratory protection:</b>	Use a full-face supplied air respirator.
<b>Eye protection:</b>	Wear chemical goggles
<b>Body protection:</b>	Protective working clothing
<b>Hand protection:</b>	Wear rubber gloves
<b>Other protection:</b>	Keep away from smoking, beverage and food. Wash hands before break and at the end of work.

### Section 9 – Physical and Chemical Properties

<b>Appearance:</b> Colourless viscous liquid	<b>Melting point (°C):</b> -10.0
<b>Flash point (°C):</b> 124 (closed cup)	<b>pH:</b> No data available
<b>Boiling point (°C):</b> 245.8	<b>Vapour Density (air=1g/mL):</b> 3.66
<b>Relative Density (water=1g/mL):</b> 1.12 (20°C)	<b>Critical temperature (°C):</b> No data available
<b>Vapour Pressure:</b> 0.13 (91.8°C)	<b>Upper explosive limit% (V/V):</b> 2%
<b>Critical pressure (MPa):</b> No data available	<b>Lower explosive limit% (V/V):</b> 12.3%
<b>Ignition point (°C):</b> 228	
<b>Water solubility:</b> Soluble in water; insoluble in benzene, methyl benzene and tetra chloromethane.	

### Section 10 – Stability and Reactivity

<b>Stability:</b>	Stable under recommended storage conditions
<b>Substance to avoid:</b>	Keep away from strong oxidizing agent and strong acids
<b>Condition to avoid contact:</b>	Heat, flames and sparks
<b>Hazardous decomposition products:</b>	Carbon oxide and carbon dioxide

### Section 11 – Toxicological Information

<b>Acute toxicity:</b>	LD <sub>50</sub> (rat, oral) 12565 mg/kg; LD <sub>50</sub> (rabbit, oral) 4400 mg/kg; LD <sub>50</sub> (rabbit, dermal) 11890mg/kg
<b>Irritation and corrosion:</b>	May cause eye and skin irritation
<b>Sensitisation:</b>	No data available
<b>Carcinogenicity:</b>	No data available
<b>Reproductive toxicity:</b>	No data available

### Section 12 – Ecological Information

<b>Ecotoxicity:</b>	LC <sub>50</sub> – Pimephales promelas (fathead minnow) 75200 mg/L (96h) LC <sub>50</sub> – Carassius auratus 5000 mg/L (24 h)
<b>Biodegradability:</b>	No data available
<b>Non biodegradability:</b>	No data available
<b>Bioaccumulation:</b>	No data available
<b>Other hazard:</b>	Be harmful to the environment

### Section 13 – Disposal Considerations

<b>Property of waste:</b>	No data
<b>Methods of disposal:</b>	Dispose of in a manner consistent with federal, state, and local regulations. Burning method recommended.
<b>Precautions of disposal:</b>	No data

### Section 14 – Transport Information

<b>IMDG:</b>	Not dangerous goods
<b>IATA:</b>	Not dangerous goods

**Section 15 – Regulatory Information**

**US Toxic Substances Control Act (TSCA):** Diethylene glycol is listed on the TSCA inventory

**Canadian Regulations:**

Diethylene glycol is listed on Canada's DSL list  
Diethylene glycol is not listed on Canada's ingredient disclosure list

**European Regulations:**

Risk Phrase: R22 Harmful if swallowed  
Safety Phrases: S2 Keep out of the reach of children  
S46 If swallowed, seek medical advice immediately and show this container or label

**Section 15 – Regulatory Information**

**Prepared by:**

Changzhou Testing and Technical Centre of Dangerous Goods and Packing

**Completion Date:**

September 19, 2012

**Other information:**

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