

# Material Safety Data Sheet

## BENZOYL PEROXIDE BP40S

**Infosafe No.** NUPIY    **Issue Date** November 2000    **Status** ISSUED by NUPSR

**Classified as hazardous according to criteria of NOHSC**

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### COMPANY DETAILS

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**Company**

**Name** FGI, division of Nuplex Industries (Aust) Pty Ltd. (ABN 25 000 045 572)

**Address** 49-61 Stephen Road BOTANY  
NSW 2019

**Emergency**

**Tel.** 1800 033 111

**Tel/Fax** Tel: (02) 9666 0331 Fax: (02) 9666 6661

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### IDENTIFICATION

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**Product Code** F00840

**Product Name** BENZOYL PEROXIDE BP40S

**Proper Shipping**

**Name** ORGANIC PEROXIDE TYPE E, LIQUID

**Other Names** Not Available

**UN Number** 3107

**DG Class** 5.2

**Poisons**

**Schedule** S5

**Product Use** Catalyst and oxidising agent.

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### Physical Data

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**Appearance** White thixotropic liquid.

**Melting Point** Not applicable.

**Boiling Point** Not determined.

**Vapour**

**Pressure** < 1 mm Hg @ 20 deg C

**Specific**

**Gravity** 1.13 @ 20°C

**Flash Point** Not applicable.

**Flamm. Limit**

**LEL** Not determined.

**Explosion**

**Data** -

**Solubility in**

**Water** Approx. 1% miscibility.

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## Other Properties

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<b>Form</b>	Liquid
<b>Stability</b>	Will commence to decompose above 25°C.
<b>Haz.</b>	
<b>Polymerization</b>	Will not occur.
<b>Materials to Avoid</b>	Acids, alkalis, reducing agents, metals, metal oxides, resins, promoters, combustible materials.
<b>Other Information</b>	Self-Accelaerating Decomposition Temperature (SADT) = 60°C.

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## Ingredients

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Ingredients	Name	CAS	Proportion
	Phlegmatiser	Proprietary	60 %
	Benzoyl peroxide	94-36-0	40 %

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## HEALTH HAZARD INFORMATION

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### Health Effects

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<b>Acute - Swallowed</b>	Symptoms may include irritation of soft mucous tissue of the throat, mouth, gullet and stomach. Decomposition in the stomach may cause distension due to oxygen production.
<b>Acute - Eye</b>	An eye irritant.
<b>Acute - Skin</b>	May cause skin irritation on prolonged or repeated contact. May cause sensitisation by skin contact.
<b>Acute - Inhaled</b>	Unlikely under normal conditions of use, as product is a liquid, and the active component is non-volatile.
<b>Chronic</b>	Dermatitis may occur on prolonged use/contact.

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### First Aid

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<b>Swallowed</b>	Poison Information Centres in each State capital city can provide additional assistance for scheduled poisons. If swallowed DO NOT induce vomiting. Give water to wash out mouth and drink. Seek immediate medical attention.
<b>Eye</b>	Irrigate the affected eye(s) with water or normal saline solution for at least 15 minutes. Seek immediate medical attention.
<b>Skin</b>	Immediately wash the affected area with soap and water. Remove contaminated clothing including shoes, and launder before re-use. Seek medical advice if symptoms occur or persist.

**Inhaled** Remove the individual from exposure. Obtain medical assistance if required.

**First Aid Facilities** Eye-wash stations and emergency showers should be available.

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### Advice to Doctor

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**Advice to Doctor** Treat symptomatically.

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### Other Health Hazard Information

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**Sensitization of Product** May cause sensitisation by skin contact.

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### PRECAUTIONS FOR USE

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<b>Exposure Limits</b>	<b>Name</b>	<b>STEL (mgm3)</b>	<b>STEL (ppm)</b>	<b>TWA (mgm3)</b>	<b>TWA (ppm)</b>	<b>FootNote</b>
	Benzoyl peroxide			5		

**Eng. Controls** Maintain concentration below recommended exposure limit. Local ventilation may be required.

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### Personal Protection

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**Respirator**

**Type (AS 1716)** Where concentrations may exceed set limits, or ventilation is inadequate, personal respiratory protection may be required.

**Eye Protection** Safety goggles or glasses. Consider use of full face-shield if there is risk of splashing.

**Glove Type** Chemical resistant gloves.

**Clothing** Long sleeved overalls. Consider use of apron if there is risk of splashing.

**Footwear** Safety boots.

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### Flammability

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**Fire Hazards** Though phlegmatised, product should be regarded as flammable. Keep well away from sources of ignition.

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### SAFE HANDLING INFORMATION

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### Storage and Transport

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**Storage Precautions** This material should be stored in a tightly closed container, in a cool place away from fire and other sources of heat.

**Transport** Do not allow temperature to exceed 25°C. Transport according to ADG requirements for UN3107.

**Special Shipping Information** IMDG Class 5.2  
**Proper Shipping Name** ORGANIC PEROXIDE TYPE E, LIQUID  
**EPG Number** 5K1  
**IERG Number** 32  
**Packaging Method** 5.9.5.2OP8A

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## Spills and Disposal

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**Spills & Disposal** Do not allow product to enter drains, sewers, waterways. Dyke with earth, sand or other inert material. Collect and absorb spillage using non-combustible inert absorbent. Spillages should be dealt with immediately and the material should not be allowed to dry. Seal collected material in labelled containers for urgent disposal. Keep collected material cool.

**Disposal** Dispose of only as permitted by Local, State and Federal regulations. Reaction or burning in small quantities is recommended.

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## Fire/Explosion Hazard

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**Fire/Explos. Hazard** Burns fiercely when ignited. Fireballs, rocketing of containers and jetting can occur. Re-ignition may occur.

**Hazardous Decomposition**

**or Byproducts** Oxygen (supports combustion), oxides of carbon, smoke, fumes.

**Fire Fighting Procedures** Fight fires from safe distance only. Fire fighters should wear full protective equipment and self-contained breathing apparatus.

**Fire Fighting**

**Precautions** Use water spray to keep fire-exposed containers cool.

**Extinguishing**

**Media** Water spray or fog. Other methods may prove less effective.

**Hazardous Reaction** Can react violently with many organic compounds - avoid contamination.

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## OTHER INFORMATION

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**Environment**

**Protection** Do not contaminate waterways.

**Risk** R7 May cause fire.

**Statement** R36 Irritating to eyes.

R43 May cause sensitization by skin contact.

**Safety** S14 Keep away from sources of ignition.

**Statement** S27 Take off immediately all contaminated clothing.

S28 After contact with skin, wash immediately with plenty of soap and water.

S45 In case of accident or if you feel unwell seek medical advice immediately

S3/7/9 Keep container tightly closed in a cool, well ventilated place.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**Pkg. & Labelling** Class 5.2 according to ADG, including Schedule 5 Poison and Hazardous Substance requirements.

**Hazard** Irritant, Oxidising

**Category**

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CONTACT POINT

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End of MSDS

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