SAFETY DATA SHEET

1) IDENTIFICATION

Product Name: E6 PROPAK Stabiliser

Champion Product Code: 140103, 140117

Supplier:
CHAMPION PHOTOCHEMISTRY
INTERNATIONAL LIMITED
Hubert Road
Brentwood
Essex CM14 4JE
United Kingdom

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2) COMPOSITION/INFORMATION ON INGREDIENTS

Product Description:

A stabiliser concentrate for the E6 ProPak. The following components contribute to hazard:

	CAS NO	%w/w
Formaldehyde	50-00-0	1-5
Methanol	67-56-1	< 1
Non-ionic surfactant	N/A	< 1

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3) HAZARDS IDENTIFICATION

Human Health Hazards:

HARMFUL: Harmful by inhalation, in contact with skin and if swallowed. May cause sensitisation by skin contact or inhalation. Possible risk of irreversible effects.

Safety Hazards:

None under normal conditions of use.

Environmental Hazards:

Harmful to aquatic and other life forms.

4) FIRST AID MEASURES

Eyes:

Flush immediately with eye wash solution or clean water for several minutes holding the eyelids apart. Obtain medical attention.

Inhalation:

Move to fresh air. Obtain medical attention if symptoms persist after removal from exposure. Asthmatics should obtain medical attention immediately if symptoms occur.

Skin Contact:

Remove any contaminated clothing. Wash skin thoroughly with cold water then with a neutral cleanser and water. If irritation or an allergic reaction occurs, obtain medical attention. Thoroughly wash contaminated clothing before reuse.

Ingestion:

Rinse mouth with water, drink about two glasses of water. Obtain immediate medical attention. Do not induce vomiting.

IN ALL CASES OF DOUBT OR IF SYMPTOMS PERSIST, SEEK MEDICAL ADVICE. SHOW THE PRODUCT LABEL AND THIS SAFETY DATA SHEET TO THE DOCTOR

5) FIRE-FIGHTING MEASURES

Not classified as flammable. If involved in a major fire, toxic formaldehyde gas may be evolved.

Extinguishing Media:

Suitable for the surrounding fire.

Protective Equipment:

Self-contained respiratory equipment.

6) ACCIDENTAL RELEASE MEASURES

Personal Protection:

Even relatively small spillages in confined or poorly ventilated areas can cause formaldehyde levels in excess of the maximum exposure limit. If this occurs, all the personal protection equipment detailed in Section 8 must be worn before attempting to neutralise and clear up the spill as detailed below.

Clearing Up/Environmental Precautions:

Absorb spillage with dry sand, vermiculite or proprietary absorbent and transfer to a closed container for disposal by a licensed waste contractor.

Wash spill area to drain with water and ensure thorough ventilation before re-entry.

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7) HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin and clothing and avoid inhalation of vapour. Use in a well ventilated area or under local exhaust ventilation. After handling, the routine use of a neutral (non-alkaline) hand cleanser will minimise the risk of adverse skin reaction.

Storage:

Store in a dry, well ventilated area at a moderate temperature. Store away from incompatible substances (See Section 10).

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8) EXPOSURE CONTROLS/PERSONAL PROTECTION

UK Maximum Exposure Limit:

TWA (8 hour) Formaldehyde	2.5mg m^{-3} (2 ppm)
STEL (15 min) Formaldehyde	2.5mg m^{-3} (2 ppm)

UK Occupational Exposure Standard:

TWA (8 hour) Methanol	260mg m^{-3} (200 ppm) Skin
STEL (15 min) Methanol	310mg m^{-3} (250 ppm) Skin

Engineering Measures:

Ensure good ventilation of the whole working area and local exhaust ventilation of the mixer and processor areas.

Respiratory Protection:

If ventilation in the working area is poor, especially if dealing with a spillage of concentrate, wear self contained respiratory equipment or a cartridge type respirator suitable for protection against formaldehyde. Respiratory protection is not required if ventilation maintains formaldehyde levels at or below the maximum exposure limit above.

Skin Protection:

Wear impervious gloves when handling the product and to prevent contact with the working strength solution.

Eye Protection:

Wear safety glasses with side-shields as the minimum level of protection. Provide eye-wash bottles in the immediate working area.

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9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Colourless, slightly frothy liquid
Odour:	Of formaldehyde (pungent and irritating)
Weight per ml at 20°C:	1.005
pH at 20°C:	5.0
Freezing Point:	-15°C
Flammability:	Not flammable
Solubility in water:	Completely soluble

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10) STABILITY AND REACTIVITY

Stability:

Stable under recommended storage conditions and normal conditions of use.

Materials to avoid:

Avoid contact with strong oxidising agents and with acids.

Hazardous Decomposition Products:

None under normal storage conditions and normal conditions of use.

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11) TOXICOLOGICAL INFORMATION

Eye Contact:

Contact with the liquid is likely to cause irritation and inflammation. Prolonged exposure to vapour may cause irritation and inflammation.

Skin Contact:

Causes irritation, hardening and cracking of the skin. May cause sensitisation.

Ingestion:

Harmful if swallowed. Causes immediate irritation of the gastro-intestinal tract. Systemic effects are those of dilute formaldehyde solution.

Inhalation:

Vapour is irritating to respiratory system. May cause respiratory sensitisation or aggravate asthmatic conditions.

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12) ECOLOGICAL INFORMATION

The following summary of expected environmental effects is based on known data for the principal ingredients and on the physico-chemical properties of the preparation.

A moderate biochemical oxygen demand will result in short term oxygen depletion in the aquatic environment. The product contains components which are not expected to be readily biodegradable and which are harmful to aquatic organisms, including the microbial organisms of secondary waste treatment systems.

As a result of the above properties, precautions should be taken to prevent the release of the product concentrate or working strength solution into the environment, (See Section 13).

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13) DISPOSAL CONSIDERATIONS

Surplus Product and Working Strength Solution:

Disposal should be in accordance with current local and national legislation and only by a licensed waste contractor. Do not dispose of either concentrate or working strength solutions into drains, sewers, or waterways.

Plastic Containers:

Rinse thoroughly with water and dispose as solid waste to land fill or re-cycle where possible.

Cardboard Cartons:

Re-cycle where possible or treat as solid waste.

14) TRANSPORT INFORMATION

Not classified as hazardous for transport.

15) REGULATORY INFORMATION

Hazard Symbol:	Xn	Harmful
Risk Phrases:	R40	Possible risk of irreversible effects.
	R43	May cause sensitisation by skin contact.
Safety Phrases:	S2	Keep out of reach of children.
	S36/37	Wear suitable protective clothing and gloves.
	S51	Use only in well ventilated areas.

16) OTHER INFORMATION

The information contained in this Safety Data Sheet does not constitute the users own assessment of work place risk as required by other health and safety legislation, (eg. COSHH Regulations in the UK).

Document History
Prepared by: DS
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Revision Date: 01.09.99
Reference Sources Include: CHIP Regulations and related ACOPs.
UK HSE EH 40.
Supplier raw material MSDS.

The information contained in this Safety Data Sheet is to our best present knowledge correct and complete and is given in good faith but without warranty.

Changes at this Revision: Minor re-wording
Code 140117 added.