

**MATERIAL SAFETY DATA SHEET**

according to EU Directive 93/112/EC

**PINK GRIP**

Version: 2

Print date: 22.12.04

**1. Identification of Substance/Preparation and Company**

Product Name	Pink Grip
Company	Biokil Crown Ltd 7 Stadium Ind Park, Long Eaton Nottingham, NG10 2DD
Telephone	0115 946 0060
Fax	0115 946 9767
Emergency Telephone	07967 10 71 95

**2. Composition / Information on ingredients**

Hazardous ingredients:	TOLUENE 1-10% EINECS: 203-625-9 CAS: 108-88-3 [F] R11; [Xn] R20 • ETHYL METHYL KETONE 10-30% EINECS: 201-159-0 CAS: 78-93-3 [F] R11; [Xi] R36; [Xi] R66; [-] R67
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**3. Hazards identification**

Main hazards:	Highly flammable. Vapours may cause drowsiness and dizziness.
Other hazards:	In use, may form flammable / explosive vapour-air mixture.

**4. First aid measures (Symptoms )**

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest.

**4. First aid measures (Action )**

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

**5. Fire fighting measures**

Extinguishing media:	Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
Exposure hazards:	Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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#### 6. Accidental release measures

Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.
Environmental precautions:	Do not discharge into drains or rivers. Contain the spillage using bunding.
Clean-up procedures:	Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

#### 7. Handling and storage

Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition. Store in original containers between +5 and +25`C. Storage outside these paramaters will dramatically reduce shelf life and invalidates all product warrenties.
Suitable packaging:	Must only be kept in original packaging.

#### 8. Exposure controls / personal protection

Hazardous ingredients:	TOLUENE
TWA (8 hr exposure limit):	191 mg/m3 STEL (15 min exposure limit): 574 mg/m3 (OES) • ETHYL METHYL KETONE
TWA (8 hr exposure limit):	600 mg/m3 STEL (15 min exposure limit): 899 mg/m3 (OES)
Engineering measures:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141). must be worn if vapour concentration is above OES or if ventilation is poor.
Hand protection:	Impermeable gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Impermeable protective clothing.

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**9. Physical and chemical properties**

State:	Paste
Colour:	Pink
Odour:	Aromatic
Evaporation rate:	Fast
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Insoluble
Also soluble in:	Most organic solvents.
Viscosity:	Highly viscous
Viscosity value:	1 600 000
Viscosity test method:	mPa.s
Boiling point/range°C:	120
Melting point/range°C:	N/D
Flammability limits %: lower:	1.2 vol%
upper:	11.5 vol%
Flash point°C:	-9
Autoflammability°C:	>200`C
Vapour pressure:	<110hPa
Relative density:	1.18-1.20
pH:	not app.

**10. Stability and reactivity**

Stability:	Stable under normal conditions. Stable at room temperature.
Conditions to avoid:	Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid:	Strong oxidising agents. Strong acids. Haz. decomp. products: In combustion emits toxic fumes.

**11. Toxicological information**

Hazardous ingredients:	TOLUENE IVN RAT LD50 1960 mg/kg ORL MUS LD50 2 gm/kg ORL RAT LD50 6900 mg/kg
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

**12. Ecological information**

Mobility:	Absorbed only slowly into soil.
Persistence and degradability:	No data available.
Bioaccumulative potential:	No data available.

**13. Disposal considerations**

Disposal operations: Dispose of according to local or national legislation  
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**14. Transport information****ADR / RID**

UN no: 1133

Packing group: II

Shipping name: ADHESIVES

Labelling: 3

ADR Class: 3

Classification code: F1

Hazard ID no: 33

**IMDG / IMO**

UN no: 1133

Packing group: II

Marine pollutant: .

Class: 3

EmS: 3-05

Labelling: 3

**IATA / ICAO**

UN no: 1133

Packing group: II

Labelling: 3

Class: 3

Packing instructions: 305(P&amp;CA); 307(PAO)

**15. Regulatory information**

Hazard symbols:

Highly flammable.



Risk phrases:

R11: Highly flammable.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases:

S2: Keep out of the reach of children.

S7/9: Keep container tightly closed and in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour.

S33: Take precautionary measures against static discharges.

S46: If swallowed, seek medical advice immediately and show this container or label.

S51: Use only in well-ventilated areas.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

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**16. Other Information**

Risk phrases used in s.2:

R11: Highly flammable.

R20: Harmful by inhalation.

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.