

MATERIAL SAFETY DATA SHEET

(1)	IDENTIFICATION
PRODUCT NAME:	
Kilfire™ – LIQUID AND POWDER	
OTHER NAMES:	<i>Kilfire™</i> BUSH BLACK LIQUID <i>Kilfire™</i> A3000 – RURAL POWDER <i>Kilfire™</i> PROFESSIONAL LIQUID <i>Kilfire™</i> AVIATION LIQUID
RECOMMENDED USE:	GENERAL AND SPECIALISED FIRE CONTROL
MANUFACTURER DETAILS:	
Benign Technologies 190 Greenwood Way BARRAGUP WA 6210	
Tel:	08 9537 8628
Mobile:	0417 170 621
Email:	benignt@bigpond.net.au

(2)	HAZARDS IDENTIFICATION
Classified as a NON-HAZARDOUS and NON-DANGEROUS material according to the criteria of NOHSC	

(3)	INFORMATION ON INGREDIENTS	
INGREDIENTS	CAS NUMBER	PROPORTION
Ingredients determined to be NON-HAZARDOUS		TO 100%

(4)	FIRST AID MEASURES
INGESTION:	
First aid is unlikely to be required as a result of ingestion of small amounts. If larger amounts have been ingested, as a precautionary measure, rinse mouth out with water ensuring that mouthwash is not swallowed. Seek medical attention. Do not attempt to induce vomiting.	
EYE:	
Hold eyelids open and rinse the eye continuously with a gentle stream of clean running water for at least 15 minutes. Seek medical attention.	
SKIN:	
First aid is unlikely to be required as a result of skin contact. Remove contaminated clothing and wash off thoroughly with soap and water at the end of each shift. Seek medical attention if any soreness of the skin develops.	
INHALATION:	
First aid is unlikely to be required as a result of inhalation. Remove to fresh air. Seek medical attention if any symptoms persist.	

MATERIAL SAFETY DATA SHEET

(5) FIRE FIGHTING MEASURES

Non-flammable.

Non-combustible.

As a precautionary measure, safety glasses and rubber gloves should be worn during activities where prolonged or repeated contact may occur.

(6) ACCIDENTAL RELEASE MEASURES

Spills may be slippery. Avoid accidents by prompt clean-up. Wear protective equipment as specified for handling. Cover with an absorbent such as earth, sand or a commercial oil absorber. Sweep up and collect in drums and dispose to approved land-fill.

(7) HANDLING AND STORAGE

General storage is adequate. Product should be kept dry and excessive temperatures should be avoided. Protect container against physical damage.

(8) EXPOSURE CONTROLS / PERSONAL PROTECTION

National Exposure Standards - No exposure standard allocated.

Biological Limit Values - No biological limit allocated.

Engineering control - As a precautionary measure, extraction or make-up air should be provided during operations.

Personal Protection - As a precautionary measure, safety glasses and rubber gloves should be worn during activities where prolonged or repeated contact may occur.

(9) PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Red / Orange liquid and powder	MELTING POINT:	No data available
BOILING POINT:	100 - 110°C	VAPOUR DENSITY:	>1
VAPOUR PRESSURE:	<0.0005Kpa @ 20°C	SOLUBILITY (WATER):	Miscible
SPECIFIC GRAVITY:	<1.1.5	EXPLOSION LIMITS:	None
FLASH POINT:	None	pH:	6.5
VOLATILES:	Negligible		

(10) STABILITY AND REACTIVITY

Undiluted concentrate if consumed in fire may evolve toxic fumes when heated to decomposition. Wear self contained breathing apparatus. Extinguish using whatever is suitable for primary cause of fire.

MATERIAL SAFETY DATA SHEET

(11)

TOXICOLOGICAL INFORMATION

NON TOXIC – LD50 (oral, rat) estimated to be >5000mg/kg

ACUTE INGESTION:

Low toxicity product. Ingestion of small amounts, such as might be accidentally transferred from the fingers to the mouth, is unlikely to cause harm. Ingestion of larger quantities might cause irritation of the gastrointestinal system, possibly resulting in diarrhea.

EYE:

Low hazard. The product may cause mild irritation which should cease on removal of the product.

SKIN:

Low hazard, not a skin sensitiser or irritant. Prolonged and repeated skin contact may result in mild irritation in sensitive individuals.

INHALATION:

The product is of low toxicity and is non-volatile but inhalation may cause irritation of the respiratory system.

CHRONIC:

Inhalation and ingestion are the only routes of entry into the body. Prolonged or repeated skin contact may cause irritation and may contribute to dermatitis.

ADVICE TO DOCTOR:

Treat symptomatically.

(12)

ECOLOGICAL INFORMATION

NON-HAZARDOUS and NON-DANGEROUS environmentally safe material.

(13)

DISPOSAL CONSIDERATIONS

NON-HAZARDOUS and NON-DANGEROUS product and can be disposed to approved land-fill.

(14)

TRANSPORT INFORMATION

Transport is not regulated.

UN NUMBER

- NOT APPLICABLE

CLASS

- NOT APPLICABLE

SUBSIDIARY RISK

- NOT APPLICABLE

PACKAGING GROUP

- NOT APPLICABLE

EPG

- NOT APPLICABLE

HAZCHEM CODE

- NOT APPLICABLE

POISON SCHEDULE

- NOT APPLICABLE

(15)

REGULATORY INFORMATION

NON-HAZARDOUS and NON-DANGEROUS material.

MATERIAL SAFETY DATA SHEET

(16)

OTHER INFORMATION

NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

DISCLAIMER

Benign Technologies believes the information prepared in the Material Safety Data Sheet to be correct at the time of preparation but disclaims any liability with respect to any recommendations or applications made in connection herewith. Since **Benign Technologies** cannot anticipate or control the conditions under which this information may be used, each user should review the information in the specific context of the intended application.

END OF MSDS