

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY

PRODUCT

TRADE NAME	Quemalive
DOSAGE FORM	Hydrogel 125ml and 50ml, Burnblotts 3,5
APPLICATION	Emergency treatment of all types of wounds
DESCRIPTION	Quemalive gel packed into High Density Polyethylene bottles

TOXIC INFORMATION

RESPONSIBLE	M. Di Domenico
EMERGENCY PHONE	+27 82 881 2074

2. COMPOSITION

Gel Formula

Chlorbutanol	Antibacterial/Preservative
Alcohol	Solvent
Marlophen NP9	Wetting Agent
Iragasan DP300	Bacteriostat
Carbopol 934P NF	Gelling Agent
Propylene Glycol	Moisturiser
Tea Tree Oil	Active
Triethanolamine	Gelling Agent

3. HAZARDS IDENTIFICATION

No hazards are identified for use, storage or transportation of Hydrogel and Burnblotts.

4. FIRST AID MEASURES

GENERAL	None
INHALATION	None - move away from source
SKIN CONTACT	If slight irritation occurs, rinse with water and stop use
INGESTION	None.
INFORMATION TO HEALTH PERSONEL	The LD50 has been established to be in excess of 10g/kg body weight, thus posing a very low potential risk
MORE INFORMATION	Quemalive Gel is composed mainly of water and is a very low health risk. A slight skin irritation (skin reddening) may be observed if patient is allergic to the gel.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHER	All types suitable
UNSUITABLE EXTINGUISH MEDIA	None
FIRE AND EXPLOSION HAZARDS	None
PERSONAL PROTECTION WHEN FIREFIGHTING	None
SPECIAL FIREFIGHTING PROCEDURES	None

6. ACCIDENTAL SPILLAGE MEASURES

PERSONAL PRECAUTIONS	None
ENVIRONMENTAL PRECAUTIONS	None
CLEANING MEASURES	Rinse with water
GENERAL	Quemalive gel is water soluble and is easily rinsed.

7. HANDLING AND STORAGE

SPECIAL PRECAUTIONS	None
HANDLING	No special precautions
STORAGE	Protect from extreme temperatures
OTHER INFORMATION	The Hydrogel and Burnblotts are supplied in a sterile state. Special precautions should be observed to ensure that the packaging is not damaged during storage and handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROL	None
RESPIRATORY PROTECTION	None
EYE PROTECTION	None
HAND PROTECTION	None
SKIN PROTECTION	None

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	Hydrogel
COLOUR OF GEL	White to colourless
ODOUR OF GEL	Of Tea Tree Oil
DENSITY	approx 1.000 at 20°C
VISCOSITY (Brookfield - Spindle 6, 20rpm)	minimum 5000 cPs
BOILING POINT	approx 105°C
PH	5.5 - 7.5
AUTO IGNITION TEMP	Will not auto-ignite
SOLUBILITY IN WATER	100% soluble in water

10. STABILITY AND REACTIVITY

STABILITY	Quemalive Gel is very stable through a wide range of temperatures and humidity
REACTIVITY	Will not react with other substances. Will dissolve other water soluble chemicals when in contact.
HAZARDOUS DECOMPOSITION PRODUCTS	None
OTHER INFORMATION	Quemalive Gel is stable for minimum 5 years. No harmful degradation products have been established. Water soluble substances may dissolve when in contact with Quemalive Gel. Quemalive Gel is comprised mainly of water and will thus conduct electricity.

11. TOXICOLOGICAL INFORMATION

GENERAL	Quemalive Gel has been established as being non-toxic
INHALATION	Non-toxic
SKIN CONTACT	Non-toxic
EYE CONTACT	Non-toxic
INGESTION	Low risk - LD50 more than 10g/kg body weight
CHRONIC EFFECTS	None
SENSITISATION	Hypersensitive skins may develop a slight skin reddening on contact.
MUTOGENICITY	None
CANCER	None
REPRODUCTION	No effect

11. TOXICOLOGICAL INFORMATION (Continued)

OTHER TOXICOLOGICAL INFORMATION	No other toxicological effects known
ORAL TOXICITY	Low risk - LD50 more than 10g/kg body weight
DERMAL TOXICITY	None
INHALATION TOXICITY	None

12. ECOLOGICAL INFORMATION

MOBILITY	Not applicable
BIODEGRADABILITY	Product is totally biodegradable or recyclable
ACCUMUALTION	No effects
ECOTOXICITY	None
OTHER EFFECTS	None

13. DISPOSAL

DECONTAMINATION/DISPOSAL	No special precautions, can be flushed down the drain.
DISPOSAL GROUP	Not applicable
OTHER EFFECTS	None

14. TRANSPORT INFORMATION

ROAD	No special precautions
RAILWAY	No special precautions
SEA	No special precautions
AIRPLANE	No special precautions

15. REGULATORY INFORMATION

Quemalive Hydrogel and Burnblotts are products used in the emergency treatment of all types . It is classified as a Medical Device.

16. OTHER INFORMATION

For further information contact: **M. Di Domenico**
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Last updated on: 23 June 2008