## LIVINGSTONE INTERNATIONAL PTY LTD

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### MATERIAL SAFETY DATA SHEET

PRODUCT CODE: SSELREM PAGE 1 OF 2 VALID TILL: 06/11/2016

#### **SECTION 1 - CHEMICAL PRODUCT**

MSDS Name: Gel Remover

#### **SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS**

Component	CAS NO.	% by Weight (approximate)
Gamma Butyrolactone	96-48-0	< 80
Dimethylketone	67-64-1	> 3
Ethyl alcohol	64-17-5	> 1.5
Cellulose	9004-64-2	> 0.5
Antibiotic Materials		

#### **SECTION 3 - HAZARDS IDENTIFICATION**

## EMERGENCY OVERVIEW Appearance: colorless liquid

### Potential Health Effects Eye: May cause eye irritation.

Skin: May cause skin irritation

Ingestion: May cause digestive tract disturbances. The toxicological properties of this substance have not been fully investigated.

May be harmful if swallowed.

Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

Chronic: No information found.

#### **SECTION 4 - FIRST AID MEASURES**

Eyes: Flush eyes with plenty of water.

Skin: Flush skin with plenty of soap and water.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water.

Never give anything by mouth to an unconscious person. Get medical aid immediately.

Inhalation: Get medical aid immediately. Remove from exposure to fresh air immediately. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen.

Notes to Physician: Treat symptomatically and supportively.

Antidote: None reported.

#### **SECTION 5 - ACCIDENTAL RELEASE MEASURES**

General Information: Use proper personal protective equipment as indicated in Section 8.

**Spills/Leaks:** Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Clean up spills immediately, observing precautions in the Protective Equipment section. Provide ventilation.

#### **SECTION 6 - HANDLING AND STORAGE**

**Handling:** Keep away from heat, sparks and flame. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation.

**Storage:** Keep container closed when not in use. Store in a cool, dry. well-ventilated area away from incompatible substances. Keep containers tightly closed.

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#### **SECTION 7 - PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Color	Colorless
Odor	Faint Stimulative
рН	Not available
Viscosity	Not available
Boiling Point	90 deg C
Solubility in Water	Miscible
Specific Gravity/Density	1.02g/cm3

#### **SECTION 8 - STABILITY AND REACTIVITY**

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, strong oxidarits.

**Incompatibilities with Other Materials:** Strong oxiding agents - strong acids - strong bases - strong reducing agents. **Hazardous Decomposition Products:** Carbon monoxide, irritating and toxic furnes and gases, carbon dioxide.

Hazardous Polymerization: Has not been reported.

#### **SECTION 9 - TOXICOLOGICAL INFORMATION**

#### LD50/LC50:

Dermal, guinea pig :LD 50 = > 5gm/kg; Draize test, rabbit skin: 400 uL Severe: Inhalation, rat :LC50 = > 5100 mg/m3/4H; Oral, mouse: LD50 = 1460mg/kg' Oral, rat: LD50 = 1540 mg/kg.

Carcinogenicity: Butyrolactene -

IARC: Group 3 carcinogen
Epidemiology: No information available.
Teratogenicity: No information available.
Reproductive Effect: No information available.
Neurotoxicity: No information available.
Mutagenicity: No information available.

Other Studies: Not reported.

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