

MATERIAL SAFETY DATA SHEET

Issue Date: 29 October 2002

ID No. DI19 - 06

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This product is NOT a Designated Hazardous Substance when subjected to Worksafe Australia criteria.

COMPANY DETAILS

Company: Peerless Emulsion Products Pty Ltd
Address: 173 Grange Road, Fairfield, Victoria 3078 ABN 46 004 315 619
Telephone Number: (03) 9499 3161
Fax Number: (03) 9497 4456
Emergency Telephone Number: (03) 9499 3161 (Between 8.30am & 5 pm Weekdays)

IDENTIFICATION

Product Name: ZERO BAC SKIN PROTECTANT GEL
Other Names:
Manufacturer Code: DI19
Major Recommended Use: Rub into hands to provide a barrier against the spread of germs by hand.
UN Number: 1219
Dangerous Goods Class & Subsidiary Risk:
(If applicable) 3.2
Hazchem Code: 2S
Poisons Schedule Number:

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Water white liquid/gel with isopropanol odour.
Boiling Point (@760mm Hg): Approx 90⁰ C
Vapour Pressure (mm Hg): Not known
Percent Volatiles: 97.0 - 98.0%
Specific Gravity: 0.923 ± 0.005
Flashpoint (°C): 25⁰ C (Closed Cup)
Flammability Limits: Upper 12% Lower 2.0% (for isopropanol)
Solubility in Water: Insoluble
Other properties: pH 6.5 - 7.5

Ingredients

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion</u>
Isopropanol	67 - 63 - 0	40%
Industrial Ethanol	64 - 17 - 5	13.0%
Triclosan		0.5%
Emollients, thickeners, amine		Low
Water		To 100%

(High > 60%) (Medium 10% - 60%) (Low <10%)

HEALTH HAZARD INFORMATION

Health Effects.

Swallowed: Slightly toxic. Harmful if swallowed. Ingestion can result in central nervous system depression; resulting in dizziness, headaches, drowsiness and narcosis.

Eye: A severe eye irritant.

Skin: Not applicable under normal conditions of use.

Inhaled: Concentrated vapour of solvent may cause headaches and dizziness and in severe cases uncoordination.

First Aid:

Swallowed: If swallowed, give a glass of water and do NOT induce vomiting. If poisoning occurs, contact a doctor or poisons information centre immediately. Phone 13 1126.

Eye: Hold eyelids open and irrigate with water for at least 15 minutes.
See a Doctor if affects persist

Skin: Remove contaminated clothing, wash affected area with soap & water.

Inhaled: Remove to fresh air. If breathing stopped give artificial respiration, seek urgent medical attention.

Advice to Doctor: Treat symptomatically

PRECAUTIONS FOR USE.

Exposure limits:

Ventilation: Not applicable when used in accordance with label directions.
Do not inhale concentrated vapours

Personal Protection: Avoid contact with eyes.

Flammability: Flammable Liquid.
Keep away from heat, sparks or naked flames.

SAFE HANDLING INFORMATION.

Storage and Transport: **Storage:** Store in well-ventilated area. Store out of sunlight. Store away from heat or ignition sources, strong oxidising agents.

Transport: Transport in accordance with "The Australian Code for the Transport of Dangerous Goods by Rail or Road", for Class 3.2 chemicals.

Spills and Disposal: Eliminate all ignition sources. Remove leaking containers to detached area. Cover with absorbent material and dispose to an approved Hazardous facility.

Fire/Explosion Hazard: To extinguish fires involving Zero-Bac use water spray, foam, carbon dioxide or dry chemical powder. Can readily form flammable mixtures at or above Flash Point (25°C). Cool intact storage drums with water spray. Fire fighters must use self-contained breathing apparatus in confined or poorly ventilated space.

Other Information: Passes T.G.A. test for disinfectants, Commercial Grade.

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Contact Point: Rhys Anderson,
Chief Chemist (03) 9499 3161.

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