

MATERIAL SAFETY DATA SHEET

Issue Date: 29th October 2002

ID No. AD04-08 Page 1 of 2

This product IS 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: **ACTIV SHIFT**
Other Names:
Manufacturer Code: AD04
Major Recommended Use Heavy duty degreaser for use on surfaces unaffected by highly alkali products. Can be used through automatic scrubbers or pressure cleaning equipment to remove grease, oils etc.

UN Number: 1824
Dangerous Goods Class & Subsidiary Risk: 8
Hazchem Code: 2R
Poisons Schedule Number: S5

PHYSICAL DESCRIPTION / PROPERTIES

Appearance: Clear orange liquid with detergent odour.
Boiling Point (@760mm Hg): Approximately 100^o C
Vapour Pressure (mm Hg): Not known
Percent Volatiles: Approx. 92.0 – 93.0 %
Specific Gravity: 1.068 ±0.005
Flashpoint (°C): Non flammable
Flammability Limits: Not applicable
Solubility in Water: Infinite
Other properties: pH 12.8 – 13.3

Ingredients

<u>Chemical Entity</u>	<u>CAS No.</u>	<u>Proportion</u>
Sodium Hydroxide	1310 – 73 – 2	2.5%.
Patented surfactant system		Low
Alkali builders & Chelates		Low
Soil suspending agents		Low
Water		To 100%

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

HEALTH HAZARD INFORMATION

Health Effects.

- Swallowed:** Ingestion can result in nausea, vomiting, diarrhoea, abdominal pain, convulsions, chemical burns and possible death.
- Eye:** Severe eye irritant. Corrosive to eyes. Burning sensation, cloudy vision, and can cause corneal burns. Contamination of the eyes can result in permanent injury.
- Skin:** Severe irritant. Corrosive to skin. May cause skin burns.
- Inhaled:** Irritation to nasal passages likely to result from breathing of spray mists.

First Aid:

- Swallowed:** Immediately rinse mouth with water. Give a glass of water. Do NOT induce vomiting. Contact a Doctor or the Poisons Information Centre. Phone 13 1126.
- Eye:** Hold eyelids open and flood with water for at least 15 minutes & see a Doctor.
- Skin:** Remove contaminated clothing, (launder before re-use) and wash affected area with soap & water. If irritation redness, swelling or skin burns occur, see a doctor.
- Inhaled:** Rinse mouth & nasal passage with water.

Advice to Doctor: Treat symptomatically and for alkali/corrosive material.

PRECAUTIONS FOR USE.

- Exposure limits:** Not determined for this mixture.
- Ventilation:** No special requirements when used in accordance with label directions.
- Personal Protection:** Avoid contact with skin and eyes.
Wear nitrile rubber gloves, chemical splash goggles, and impervious apron while using and/or handling this product.
- Flammability:** Non – flammable.

SAFE HANDLING INFORMATION.

- Storage and Transport:** Transport in accordance with “The Australian Code of Transportation of Dangerous Goods by Road and Rail”, for Class 8 alkali Corrosive goods. Store away from strong acid or oxidisers.
- Spills and Disposal:** Contain with inert earth and pick up to sealable plastic containers for disposal. To dispose ship by registered hazardous waste carrier to appropriate hazardous waste handling depot.
- Fire/Explosion Hazard:** Non - flammable.
In a fire will emit toxic or noxious fumes.
Keep containers cool with water.
- Other Information:** Incompatibilities: Avoid contact with strong acids or oxidisers.

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