

MATERIAL SAFETY DATA SHEET**1. Identification of the substances or preparation and the company/undertaking**

1.1 Identification of the preparation:

One Clean Liquid Detergent

1.1.2 Date of issue: May 9, 2007

1.2 Company identification:

Chemspec Europe
 Unit 36C, Tong Park
 Otley Road, Baildon
 West Yorkshire BD17 7QD UK
 Tel: 01274 597333
 Fax: 01274 597444

1.3 Emergency telephone number, official advisory bodies:
 For medical emergency call Chemtrec at 00-1-703 527-3887

2. Composition/Information on ingredients

2.1 Hazardous ingredients:

2.2

Index	CAS#	EC	Name	%
NA	68131-39-5	NA	Alcohol Ethoxylate	<20



Irritant

3. Hazards identification

3.1 To man: May be irritating to eyes and skin.

3.2 To the environment: None known.

4. First-aid measures

4.1 Inhalation: Remove to fresh air. If symptoms persist consult physician.

4.2 Eye contact: Flush with water for at least 15 minutes.

4.3 Skin contact: Thoroughly wash exposed skin with soap and water.

4.4 Ingestion: Rinse mouth with water. Consult physician.

4.5 Special: Treatment based on judgment of attending physician.

5. **Fire-fighting measures**

- 5.1 Suitable extinguishing media: Water, Carbon dioxide, foam.
- 5.2 Extinguishing media which must not be used: None known.
- 5.3 Special exposure hazards: Possibly oxides of carbon and nitrogen aldehydes, ketones and other unidentified compounds.
- 5.4 Special protection equipment for fire-fighters: Self-contained positive pressure breathing apparatus and protective clothing.

6. **Accidental release measures**

- 6.1 Personal precautions: Prevent eye and skin contact.
- 6.2 Environmental precautions: Dispose of according to local regulations.
- 6.3 Methods of cleaning up: Sweep or vacuum up and dispose according to regulations.

7. **Handling and storage**

- 7.1 Handling: Prevent eye and skin contact.
- 7.2 Storage: Keep container tightly closed.
- 7.3 Incompatible storage: None known.

8. **Exposure controls and personal protection**

- Please use common sense when handling this product.
- 8.1 Respiratory protection: Use local exhaust or dilution ventilation.
- 8.2 Hand protection: Gloves recommended.
- 8.3 Eye protection: Safety glasses recommended
- 8.4 Skin protection: Use body covered clothing.
- 8.5 Working hygiene: Take usual precautions when handling.

9. **Physical and chemical properties**

- 9.1 Appearance: Clear liquid.
- 9.1.2 Color: Yellow.
- 9.1.3 Odor: Citrus.
- 9.2 pH (as used): 9.0-10.0.
- 9.3 Boiling point/Boiling range: n. ap.
- 9.4 Specific Gravity: 1.08
- 9.5 Wt/Gal: 9.0. lbs.
- 9.6 Flash point: >200 deg F.
- 9.7 Inflammation: n. av

10. **Stability and reactivity**

- 10.1 Conditions to avoid: None known.
- 10.2 Materials to avoid: Concentrated acids.
- 10.3 Hazardous decomposition of materials: See point 5.3.

11. **Toxicological information**

- 11.1 Acute toxicity: n. av.
- 11.2 Acute oral toxicity: LD50 rat: >2-5 mg/kg.
- 11.3 Chronic effects: n. av.
- 11.4 Sensitization: n. av.
- 11.5 Carcinogenicity: n. av.
- 11.6 Mutagenicity: n. av.
- 11.7 Reproductive toxicity: n. av.
- 11.8 Narcotic effects: n. av.

12. **Ecological information**

- 12.1 Water-Hazard class: None (U.S.)
- 12.2 Biodegradability: Biodegradable.
- 12.3 Bio-accumulation: n. av.
- 12.4 Aquatic toxicity: n. av.
- 12.5 Other relevant ecological information: Small quantities considered to be harmless.

13. **Disposal considerations**

Refer to local regulations.

14. **Transport information**

Not transport classifiable.

Rev1

15. **Regulatory information**

15.1 Symbol: Irritant



15.2 R-Sentences:

R36/38: Irritating to eyes and skin.

15.3 S-Sentences:

S2: Keep out of the reach of children.

S24/S25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37: Wear suitable gloves.

S39: Wear eye/face protection.

16. Other Information

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.

n.ap = not applicable

n.av = not available