

# MSDS

Material Safety Data Sheet 1830

Conforms to ANSI Z-400.1-1993

Chemtel 24 Hour Emergency Response (800) 255-3924

14183004  
**MAINTEX**

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City of Industry, CA 91746

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## 1 Chemical Product and Company Identification

**Product:** Hi-Suds

**Classification:** Liquid Dishwashing Detergent

F40

## 2 Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA(PEL)	TLV(ppm)	Other
None					

## 3 Hazards Identification

**Emergency Overview:** May cause eye irritation. Avoid eye contact.

**CAUTION!**

**Contact with Eyes:** Direct contact with concentrated product may cause moderate irritation, tearing and redness.

**Contact with Skin:** Repeated or prolonged contact may cause dryness.

**Skin Absorption:** No data.

**Ingestion Symptoms:** May irritate gastrointestinal tract, causing nausea and/or diarrhea.

**Inhalation Symptoms:** Not expected to be a problem.

**Chronic Effects:** No data.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

## 4 First Aid Measures

**Eyes:** If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.

**Skin:** Contact with concentrate may be an irritant to sensitive skin. Wash thoroughly with water.

**Inhalation:** If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.

**Ingestion:** Drink plenty of water, immediately seek medical attention. Never induce vomiting or give anything by mouth to an unconscious person.

4/5/2007

0001

1830

Hi-Suds Page 1 of 3

## 5 Fire Fighting Measures

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**Flash Point(F° TCC):** >200°F

**Flammable Limits:** LEL No Data

**UEL** No Data

**Auto Ignition Temperature:** No Data

**Extinguishing Media:** Water Spray, Foam, Carbon Dioxide, Dry Chemical

### Special Fire Fighting Procedures:

Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards:

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

## 6 Accidental Release Measures

### Large Spills (55 gallons or more):

Wear rubber boots, gloves and appropriate protective clothing. Shut off source of leak if safe to do so. Dike and contain spill.

### Small Spills:

Mop up spill and rinse area.

## 7 Handling and Storage

**Handling:** Keep out of reach of children. Follow appropriate hygiene practices.

**Storage:** Store in a cool, dry place.

## 8 Exposure Controls/Personal Protection

### Ventilation and Engineering Controls:

None

### Respiratory Protection:

None

### Protective Gloves:

None

### Eye Protection:

Chemical Splash Goggles

### Other Protective Equipment:

4/5/2007

0001

1830

Hi-Suds Page 2 of 3

## 9 Physical and Chemical Properties

<b>Boiling Point(F°):</b> 212°F	<b>Solubility in Water:</b> Complete	<b>Odor:</b> Pleasant
<b>Specific Gravity:</b> 1.07	<b>Volatiles(% by Wt.):</b> 68	<b>pH:</b> 6.5 - 7.5
<b>Appearance:</b> Blue	<b>Vapor Density:</b> <1	<b>VOC:</b> <20 g/L
<b>Evaporation Rate:</b> >1	<b>Vapor Pressure:</b> <17 mm Hg	<b>Freezing Point(F°):</b> <40°F

< means less than      > means greater than

These physical data are typical values based on material tested but may vary from sample to sample.  
Typical values should not be construed as a guaranteed analysis of any specific lot or as specific items.

#### 10 Stability and Reactivity

**Stability:** Stable                      **Conditions to Avoid:** Heat

**Materials to Avoid:** Strong Oxidizers

**Hazardous Decomposition Products:**

Oxides of carbon and nitrogen

**Hazardous Polymerization:**

Will Not Occur

#### 11 Toxicological Information

No Toxicology Information is available.

#### 12 Ecological Information

No data available.

#### 13 Disposal Considerations

**Waste Disposal Method:**

Dispose of waste in accordance with federal, state and local regulations

#### 14 Transport Information

**HAZMAT:** No                      **Hazard Code:** N/A                      **ID Number:** N/A                      **Hazard Class:** N/A

**Hazardous Division:** None

**Packaging Group:** N/A

**Hazardous Contents:** None

#### 15 Regulatory Information

**Proposition 65:** Not Listed.

**EPA:** No

#### 16 Other Information

**HMIS/NFPA Hazard Rating:**      **Health**       **Flammability**       **Reactivity**

The information contained herein is based on the data available to us. It is believed to be correct. No warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult Maintex, Inc.

**MSDS Approval Date:** 1/30/2007

4/5/2007

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1830

Hi-Suds Page 3 of 3