



**MATERIAL SAFETY DATA SHEET**

Calsolene Oil HSA liq

0215

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Substance key: CLT276005-V1  
Version : 1 - 5 / USARevision Date: 08/08/2008  
Date of printing :08/13/2008**HMIS:**

Health: 1

Flammability: 1

Reactivity: 0

Personal protection: B

**Section 04 - First aid measures****After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

**After contact with skin:**

Wash thoroughly with soap and water for 15 minutes. If skin irritation occurs, seek medical attention.

**After contact with eyes:**

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek prompt medical attention if redness or irritation occurs.

**After ingestion:**

Do not induce vomiting. Get immediate medical help.

**Advice to doctor / Treatment:**

None known.

**Section 05 - Fire fighting measures**

**Flashpoint:** > 200 °F  
Method: closed cup

**Lower explosion limit:** not tested.

**Upper explosion limit:** not tested.

**Ignition temperature:** not tested.

**Hazardous combustion products:**

Thermal decomposition may produce oxides of carbon and sulfur.

**Extinguishing media:** water  
Alcohol resistant foam  
carbon dioxide  
Dry Chemical  
Water / Fog Spray

**Special fire fighting procedure:**

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

**Unusual fire and explosion hazards:** None known.

**Section 06 - Accidental release measures**

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Contain spill. Small spills may be flushed to the sewer or absorbed on suitable absorbants. Larger spills should be collected as liquid or absorbed. Clean-up may be accomplished by flushing with water if appropriate or remove contaminated soils. place in appropriate containers.

**Section 07 - Handling and storage****Advice on safe handling:**

Avoid getting on skin or in eyes when handling product.

**Further info on storage conditions:**

Keep containers closed.

**Section 08 - Exposure controls / personal protection****Respiratory protection:** None required in normal use of product.**Hand protection:** Butyl Rubber Or Neoprene.**Eye protection:** Chemical splash goggles.**Other protective equipment:** Clothing suitable to prevent skin contact.**Advice on system design:** Local ventilation recommended - mechanical ventilation may be used.**IDLH:**

Not Determined

**Section 09 - Physical and chemical properties**

**Form:** Liquid  
**Color:** amber  
**Odor:** Bland odor  
**pH:** 6.8 - 7.8 (100 g/l)  
**Solubility in water:** completely soluble  
**Melting point :** not determined  
**Freezing point :** not determined  
**Boiling point :** 212 °F

**Section 10 - Stability and reactivity****Chemical stability:** Stable.**Hazardous Polymerization:** Will not occur.  
Conditions to avoid: None known.

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Date of printing :08/13/2008**Conditions to avoid:** Strong oxidizing agents.**Section 11 - Toxicological information****Product information:**

<b>Acute oral toxicity:</b>	LD50 (rat) not tested.
<b>Skin irritation:</b>	Not tested
<b>Eye irritation:</b>	Not tested

**Section 12 - Ecological information****Product information:**

<b>Chemical oxygen demand (COD):</b>	918,000 PPM
<b>Biological oxygen demand (BOD):</b>	315,300 PPM

**Section 13 - Disposal considerations****Waste disposal information:**

Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in permitted systems.

**RCRA hazardous waste:**

No -- Not as sold.

**Section 14 - Transport information**

<b>DOT</b>	not restricted
<b>IATA</b>	not restricted
<b>IMDG</b>	not restricted

**Section 15 - Regulatory information****TSCA Status:**

All components of this product are listed on the TSCA Inventory.

**SARA (section 311/312):**

Reactive hazard:	no
Pressure hazard:	no
Fire hazard:	no
Immediate/acute:	yes
Delayed/chronic:	no

**SARA 313 information:**

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This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

**Clean Water Act:**

Contains no known priority pollutants at concentrations greater than 0.1%.

**Volatile organic compounds VOC:**

Remarks: Not Available

**Section 16 - Other information****Other precautions:**

None Known

**Label information:**

CAUTION!

MAY CAUSE IRRITATION TO EYES AND SKIN

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Wear proper protective equipment. Keep container closed when not in use.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended for use as product specifications. (R) and TM indicate trademarks of Clariant AG, its business partners or suppliers.