

Material Safety Data Sheet

Date Prepared: 01-01-02

MSDS No. G007001-6

Section 1 Material Identification And Use

Product/TradeName Imperial

NFPA Designation: Health 1 Flammability 1 Reactivity 0
0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Manufacturer's Name: Caled Chemical Emergency Telephone: (Chemtrec) 1-800-424-9300
Address: 26 Hanes Drive, Wayne, NJ 07470 Working Hours: 973-696-7575

Chemical Name: Mixture Chemical Family: Oil based detergent

Formula: Mixture Material Use: Detergent

Section 11 Hazardous Ingredients

Table with 5 columns: Hazardous Ingredients, CAS Number, Approx. Percent, Exposure Limits, Other. Content: None as defined by 29 CFR 1910.1299 or state laws.

Section 111 Physical Data

Physical State: Liquid | Odor And Appearance: mild odor clear yellow to amber liq.

Specific Gravity| Vapor Pressure(Mm)| Vapor Density(Air=1)| Ph
.950 | .0001 | 12+ | 8-8.5

Evaporation Rate | Boiling Point(F)| % Volatile(VOL) | Water Solubility
(Butyl Ace=1) Faster | ND | NIL | forms emulsion

Section IV Fire And Explosion Hazard Data

Flash Point(F) Method Flammable Limits In Air % By Volume
>200 Tag Closed Cup) Upper: ND Lower: ND

EXTINGUISHING Media: Water /Fog Foam Carbon Dioxide Dry Chemical

Special Fire Fighting Procedures:
Wear Self Contained Breathing Apparatus In Confined Areas. Cool Drums With Water.
High Heat Or Thermal Decomposition May Create Ammonia Gases.

Unusual Fire And Explosion Hazards: None Known

**IMPERIAL**

Section V Reactivity Data

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| Unstable      Conditions To Avoid:  
Stability|  
X Stable      None except heat

Incompatibility (Materials To Avoid)  
Strong Oxidizing Agents.

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Hazardous Decomposition Products Thermal: Decomposition may produce normal combustion products such as carbon dioxide and possibly carbon monoxide.  
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Hazardous | May Occur      Conditions To Avoid  
Polymerization| X Will Not Occur      None Known  
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Section VI Health And Toxicological Data

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Route Of Entry  
Skin Contact: X                      Skin Absorption:                      Eye Contact: X  
Inhalation Acute: X                      Inhalation Chronic:                      Ingestion: X  
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Effects Of Acute Exposure  
Inhalation: Not a normal route of entry, mists may cause irritation to mucous linings.  
Skin And Eyes: Prolonged contact with skin and eyes may cause irritation.  
Ingestion: May cause gastric disturbance and mucous lining irritation.  
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Effects Of Chronic Exposure:  
Preexisting skin and lung conditions may become aggravated with over exposure to this product.  
Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity  
No Component Is Listed As A Carcinogen By Ntp, Osha Or Iarc. Not Mutagenic. No Reproductive Or Teratogenic Properties Are Known Or Expected.  
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Emergency And First Aid Procedures  
Skin And Eyes: Flush area with large quantities of water for 15 min. get medical attention  
Inhalation: Remove to fresh air administer artificial respiration if not breathing.  
Ingestion: Give large quantities of water, get medical attention.  
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Section VII Spill Or Leak Information

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Steps To Be Taken If Material Is Released Or Spilled  
Remove All Sources Of Ignition and Ventilate Area. If Locally Permitted Spills Can Be Flushed With Water. Large Spills Should Be Dammed And Shoveled Or Vacuumed Into Closed Drums For Disposal. Rinse Area With Water.  
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Waste Disposal Methods  
In Accordance With Federal, State and Local Regulations.

**Imperial**

Section VIII Special Protection Information

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Respiratory Protection (Specify)  
None Normally required.

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Ventilation (Mechanical - General, Local, Special)  
Mechanical- 6 adequate local fan.                      General:    Local:

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Gloves (Specify): Neoprene    Eye (Specify): Eye Goggles Or Glasses

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Other Protective Equipment:    Eye Wash Station

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Section IX Special Precautions

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Precautions To Be Taken In Handling And Storing  
Keep Containers Closed When Not In Use. Do Not Store Near Heat Or Open Flames. Provide adequate ventilation avoid inhalation of vapors or contact with the product. Storage per NFPA class III 8 keep from freezing.

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Special Shipping Information  
Dot: Not regulated  
Un: Not regulated

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Sara Title 111, Section 313 Release Reporting And Other Covered Regulations:  
No component is listed by sara title III, Section 313 release reporting.

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Na = Not Applicable    Nd = No Data Available    Ne = Not Established    < = Less Than G    >  
= Greater Than

Each Customer Is Encouraged To Study This MSDS Carefully To Become Aware Of And Understand The Associated Material Hazards. Proper Reference Works Should Be Consulted, As Necessary, To Use And Understand The Contained Data. This MSDS Should Be Properly Routed All Individuals Who Use And May Come In Contact With This Product. Understand And Follow All Pertinent Employee And Community Right To Know Regulations.