



SUPER CLEAN TC

Material Safety Data Sheet

Manufacturer's Name: Super Chem LLC
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HAZARDOUS INGREDIENTS / IDENTIFY INFORMATION

Hazardous Components Special Chemical Identity; Common Names	OSHA	ACGIH TLV	Other Limits Recommended	% Optional
Ethoxylated Nonylphenol CAS # 9004-87-9	NE	NE		
D-Limonene CAS# 5989-27-5	NE	NE		

PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: >200 F
 Vapor Pressure (mm Hg): 0.2
 Vapor Density (AIR=1): heavier than air
 Solubility in water: Emulsifiable
 Appearance and Odor: Blue Green Liquid with Citrus Odor
 VOC'S: 264 grams per liter -- 2.20 lbs per gallon

Specific Gravity (H2O=1): 1.21
 Melting Points: NA
 Evaporation Rate (Butyl Acetate =1): NA

FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): over 200 deg F Flammable Limits: LEL: 0.7 UEL: 6.1
 Extinguishing Media: Water Fog, Dry Chemicals, Carbon Dioxide, Foam. Class BC, ABC fire extinguisher
 Special Fire Fighting Procedures: Self contained positive pressure breathing apparatus, and protective clothing should be worn if fighting fires involving chemicals.
 Unusual Fire and Explosion Hazards: None Known.

REACTIVITY DATA

Stability: Stable
 Incompatibility (Materials to avoid): Strong Oxidizing agents, peroxides, Halogens and vinly chloride.
 Hazardous Decomposition or Byproducts: Smoke may be acrid and fume irritating. Burning generates CO, CO2, and Smoke.
 Hazardous Polymerization: Will not occur

Conditions to avoid: None

HEALTH HAZARDS

Route of Exposure: Eye, Skin Contact, Inhalation, Ingestion

Health Hazards (Acute and Chronic): Acute: Harmful if swallowed. Ingestion may cause vomiting, headache, other medical problems. May be irritating to skin and eyes. Skin contact may cause slight redness. Contains a potential skin sensitizer. Eye contact can cause moderate to high irritation. Inhalation can cause nose, throat and respiratory tract irritation. Chronic: Prolonged or repeated exposure can cause drying or dermatitis of skin. D-limonene is not listed as carcinogen by NTP, OSHA, or IARC. FEMA, WHMIS and FDA list D-limonene as GRAS "generally recognized as Safe" Medical Condition Generally Aggravated by Exposure: None Known

Emergency and first aid procedures:

Eyes: remove contact lenses at once. Flush with water for at least 15 minutes. If irritation persists, see a physician.

Skin: Wash affected area with copious amounts of soap and water. Call a doctor if irritation develops. Completely decontaminate clothing, shoes and leather goods before reuse, or discard.

Ingestion: DO NOT INDUCE VOMITING. Rinse mouth with water, then drink one glass of water; contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

Inhalation: If symptoms of overexposure are experienced, evacuate to fresh air. If symptoms persist, seek medical attention.

PROTECTIVE MEASURES

Eye Protection: Wear splash goggles when handling.

Protective Gloves: Use Impervious Gloves.

Respiratory Protection: Not normally required, But if vapor concentration becomes high use self contained air mask (NIOSH approved)

Ventilation: Use ventilation adequate to keep hazardous ingredients below their TLV.

Other Protective Equipment: Wear protective clothing to prevent repeated or prolonged contact. EYE WASH STATION AND SAFETY SHOWER SHOULD BE NEAR WORK AREA.

GENERAL PRECAUTIONS FOR SAFE HANDLING AND USE

Contain all spills and leaks to prevent discharge into the environment. Ventilate area.

Small Spills: Soak up with absorbent, shovel into waste container, flush area with water.

Large Spills: Recover liquid for reprocessing or Disposal.

Waste Disposal Method: Recover material or dispose in accordance with all applicable Federal, State and Local Regulations. Material collected with absorbent may be disposed in a permitted landfill in accordance with all applicable federal, State, and Local Regulations. Empty container may retain vapor or product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed.

SPECIAL PRECAUTIONS

Handling and Storage: Avoid overheating or freezing

Other precautions: Spilled material is slippery, wash thoroughly after handling, If ingested call a physician.

Please Note: The information contained herein, while not guaranteed, was prepared by competent technical personnel and is true and accurate to the best of our knowledge and belief. NO WARRANTY or GUARANTEE, expressed or implied, is made regarding the product performance, product, stability, of as to any other condition of use, handling, transportation, and storage. Customer use, handling, transportation, and storage may involve additional safety and/or performance considerations. Our technical personnel will be happy to respond to questions regarding safe handling, storage, transportation and use procedures. The safe handling, storage, transportation and use products remain the sole responsibility of the customer. No suggestions for handling, storage transportation or use are intended as of to be construed as recommendations which may infringe on any existing patents or violates any Federal, State, and/or local law and/or regulation, ordinance standard etc. This Material Safety Data Sheet has been prepared by SUPER CHEM LLC. staff from test reports and other information available in the public domain.