

# SAFETY DATA SHEET

Date Issued : 09/03/2019

SDS No : Four State Maintenance\_Citrus Hammer

## Citrus Hammer

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Citrus Hammer  
**GENERAL USE:** Cleans moderate industrial soils and grease.  
**PRODUCT DESCRIPTION:** General Purpose Cleaner  
**PRODUCT CODE:** Citrus Hammer  
**CHEMICAL FAMILY:** Solvent/detergent blend

#### DISTRIBUTOR

4-State Maintenance Supply Inc.  
503 N. Cline Rd.  
Coffeyville, KS 67337

**Customer Service:** 1-800-497-5707

**E-Mail:** support@4statemaintenance.com

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924

**POISON CONTROL CENTER (Medical):** 800-222-1222

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

##### Health:

Eye Irritation, Category 2A

Skin Irritation, Category 2

#### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

#### HAZARD STATEMENTS

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H303: May be harmful if swallowed.

#### PRECAUTIONARY STATEMENT(S)

##### Prevention:

P262: Do not get in eyes, on skin, or on clothing.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash hands thoroughly after handling.

P102: Keep out of reach of children.

P273: Avoid release to the environment.

##### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P302+P352: IF ON SKIN: Wash with plenty of soap and water

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

##### Storage:

P404: Store in a closed container.

##### Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

#### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Orange Liquid

**IMMEDIATE CONCERNS:** Eye & Skin irritant

## POTENTIAL HEALTH EFFECTS

**EYES:** Irritating, and may injure eye tissue if not removed promptly.

**SKIN:** Skin irritant with prolonged or repeated contact.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

**INHALATION:** Mist is irritating to nose, throat and lungs.

## REPRODUCTIVE TOXICITY

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** No listed substance

**MUTAGENICITY:** None known.

**MEDICAL CONDITIONS AGGRAVATED:** Previous skin conditions such as dermatitis may be aggravated.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**CANCER STATEMENT:** None

**WARNING CAUTION LABELS:** Irritant

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Nonylphenol Ethoxylate	0 - 5	127087-87-0
Sodium Dioctyl Sulfosuccinate	0 - 5	577-11-7
Sodium Salt benzene, 1, 1-oxybis tetrapropylene derivatives, Sulfonated, Sodium Salts	0 - 5	119345-04-9
Sodium Silicate	0 - 2	6834-92-0
Dipropylene glycol monomethyl ether	0 - 5	34590-94-8
Fragrance	0 - 1	TS
Dye	0 - 0.05	TS
Water	85 - 90	7732-18-5

**COMMENTS:** If CAS number is "TS", the specific chemical identity has been withheld as a trade secret.

## 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Burning sensation with tearing, redness.

**SKIN:** Prolonged contact will cause irritation marked by redness, burning sensation.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE EFFECTS:** Not Established

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** Not required. Water based material.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Wear eye protection, rubber gloves when handling concentrate.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

**STORAGE PRESSURE:** Store at ambient atmospheric pressure.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type		ppm	mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether	OSHA PEL	TWA	100	600
		ACGIH TLV	TWA	100
		STEL	150	909

**ENGINEERING CONTROLS:** No special requirements.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles and full face-shield.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus

**COLOR:** Orange

**pH:** 11.5 to 12.0

**PERCENT VOLATILE:** 85+

**FLASH POINT AND METHOD:** None

**FLAMMABLE LIMITS:** N/A

**AUTOIGNITION TEMPERATURE:** NA = Not Applicable

**VAPOR PRESSURE:** ≤ 20 mm Hg at (68°F)

**VAPOR DENSITY:** ≤ 1 Air = 1

**BOILING POINT:** ~ 100°C (212°F)

**FREEZING POINT:** ~ 0°C (32°F)

**MELTING POINT:** Not Available

**SOLUBILITY IN WATER:** Complete

**EVAPORATION RATE:** (Water =1) 1.0

**DENSITY:** 8.41 at (68°F)

**SPECIFIC GRAVITY:** 1.008 grams/ml.

**VISCOSITY:** Water thin.

**(VOC):** 4.75 % by weight

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable

**HAZARDOUS POLYMERIZATION:** No

**CONDITIONS TO AVOID:** Not Established

**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

**INCOMPATIBLE MATERIALS:** Strong acids, oxidizers.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)
Nonylphenol Ethoxylate	1 6000 mg/kg (rat)	4490 mg/kg (rabbit)
Sodium Salt benzene, 1, 1-oxybis tetrapropylene derivatives, Sulfonated, Sodium Salts	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)
Sodium Silicate	1500 to 3200 mg/kg (rat)	
Dipropylene glycol monomethyl ether	> 5000 mg/kg (rat)	9510 mg/kg (rabbit)

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** Not Established

**SERIOUS EYE DAMAGE/IRRITATION:** Irritant

**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

**CARCINOGENICITY**

**IARC:** No listed substance

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** No known significant effects or critical hazards.

**ECOTOXICOLOGICAL INFORMATION:** No known significant effects or critical hazards noted.

**BIOACCUMULATION/ACCUMULATION:** None Expected.

**DISTRIBUTION:** Not Established

**AQUATIC TOXICITY (ACUTE)**

**96-HOUR LC<sub>50</sub>:** > 100 mg/l (fish)

**48-HOUR EC<sub>50</sub>:** > 100 mg/l (daphnia magna)

**Notes:** Acute toxicity derived from major component information.

**CHEMICAL FATE INFORMATION:** This product is biodegradable.

**GENERAL COMMENTS:**

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not regulated.

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Not regulated.

## 15. REGULATORY INFORMATION

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HEALTH HAZARDS:** Health - Acute

**313 REPORTABLE INGREDIENTS:** None

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Nonylphenol Ethoxylate	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance
Sodium Silicate	Pennsylvania Right to Know Substance New Jersey Right To Know Substance
Dipropylene glycol monomethyl ether	Massachusetts Right to Know Substance New Jersey Right To Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:** No listed substance

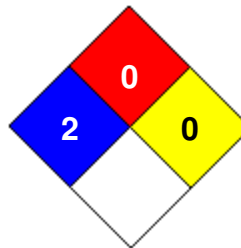
**16. OTHER INFORMATION**

**Date Prepared:** 09/03/2019

**HMIS RATING**

<b>HEALTH</b>	<input type="text"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="text"/>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<input type="text"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="text"/>	<b>B</b>

**NFPA CODES**



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