



# Safety Data Sheet

Revision Date: 2022-07-14

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Name:** Mark's Orange Shark  
**Product Number:** 45118/25-7220M & 45119/25-7225M  
**Recommended Use:** Cleaning agent  
**Uses Advised Against:** For Professional Use  
**Manufacturer/Supplier:** UTILITY Enterprises, Inc.  
700 Main Street Westbury, NY 11590

**24 Hour Emergency Phone Number:** INFOTRAC (800) 535-5053

## 2. HAZARDS IDENTIFICATION

### GHS Classification

Acute toxicity - Inhalation (Dusts/Mists) Category 4  
Skin Corrosion/Irritation: Category 2  
Serious Eye Damage/Eye Irritation: Category 1  
Skin Sensitization: Category 1  
Flammable Liquids Category 3

### GHS Label Elements

**Signal Word:**

**Symbols:**

**Danger**



**Hazard Statements:**

Harmful if inhaled.  
Causes skin irritation.  
Causes serious eye damage  
May cause an allergic skin reaction  
Flammable liquid and vapor.

**Precautionary Statements:**

<b>Prevention:</b>	<p>Avoid breathing dust/fume/gas/mist/vapors/spray</p> <p>Use only outdoors or in a well-ventilated area.</p> <p>Wash hands and any exposed skin thoroughly after handling.</p> <p>Wear eye / face protection</p> <p>Wear protective gloves</p> <p>Contaminated work clothing should not be allowed out of the workplace</p> <p>Keep away from heat/sparks/open flames/hot surfaces. — No smoking</p> <p>Keep container tightly closed</p> <p>Ground container and receiving equipment.</p> <p>Use explosion-proof electrical equipment.</p> <p>Use only non-sparking tools</p> <p>Take precautionary measures against static discharge</p>
<b>Response:</b>	
<b>-Eyes</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
<b>-Skin</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
<b>-Inhalation:</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell
<b>-Specific Treatment:</b>	See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.
<b>Fire:</b>	In case of fire: Use Water spray, fog or regular foam for extinction
<b>Storage:</b>	Store in a well-ventilated place. Keep cool
<b>Disposal:</b>	Dispose of contents and container in accordance with local, state and federal regulations. Do not dispose of this product by pouring on the ground, into storm sewers, waterways or other surface waters. Consult with local, federal and state authorities prior to disposal of any d-limonene containing product into the sanitary sewer system.
<b>Hazards Not Otherwise Classified:</b>	Not Applicable
<b>Other Information:</b>	<ul style="list-style-type: none"> <li>• Harmful if swallowed</li> <li>• Keep out of reach of children.</li> </ul>

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
d-limonene	5989-27-5	0-15
water	7732-18-5	0-99
Ethoxylated amine	none assigned	0-10
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-, monosodium salt	64972-19-6	<1%

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

<b>-Eye Contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
<b>-Skin Contact:</b>	Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
<b>-Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
<b>-Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.

**Note to Physicians:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media:** Water spray, fog or regular foam, Dry chemical  
**Specific Hazards Arising from the Chemical:** Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back.  
**Hazardous Combustion Products:** May include Carbon monoxide Carbon dioxide and other toxic gases or vapors.  
**Protective Equipment and Precautions for Firefighters:** Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire-exposed containers with water spray.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions:** ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Use personal protective equipment as required.  
**Environmental Precautions:** Do not rinse spill onto the ground, into storm sewers or bodies of water. Do not dispose of this product by pouring on the ground, into storm sewers, waterways or other surface waters. Consult with local, federal and state authorities prior to disposal of any d-limonene containing product into the sanitary sewer system.  
**Methods for Clean-Up:** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).

## 7. HANDLING AND STORAGE

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.  
**Storage Conditions:** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Provide good general ventilation.  
If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.  
**Personal Protective Equipment**  
**Eye/Face Protection:** Wear splash goggles.  
**Skin and Body Protection:** Wear rubber or other chemical-resistant gloves.  
**Respiratory Protection:** Not required with expected use.  
If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.  
**General Hygiene Considerations:** Wash hands and any exposed skin thoroughly after handling.  
See 29 CFR 1910.132-138 for further guidance.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance/Physical State:</b>	Liquid
<b>Color:</b>	Orange
<b>Odor:</b>	Orange
<b>pH:</b>	8.5-9.5
<b>Melting Point / Freezing Point:</b>	No information available.
<b>Boiling Point / Boiling Range:</b>	> 100 °C / 212 °F
<b>Flash Point:</b>	51 °C / 124 °F ASTM D56
<b>Evaporation Rate:</b>	< 1
<b>Flammability (solid, gas)</b>	No information available.
<b>Upper Flammability Limit:</b>	No information available.
<b>Lower Flammability Limit:</b>	No information available.
<b>Vapor Pressure:</b>	No information available.
<b>Vapor Density:</b>	No information available.
<b>Specific Gravity:</b>	0.96
<b>Solubility(ies):</b>	Miscible in water
<b>Partition Coefficient:</b>	No information available.
<b>Autoignition Temperature:</b>	No information available.
<b>Decomposition Temperature:</b>	No information available.
<b>Viscosity:</b>	No information available.

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	This material is considered to be non-reactive under normal conditions of use.
<b>Chemical Stability:</b>	Stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	Not expected to occur with normal handling and storage.
<b>Conditions to Avoid:</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials:</b>	Strong oxidizing agents. Strong acids.
<b>Hazardous Decomposition Products:</b>	May include carbon monoxide, carbon dioxide (CO <sub>2</sub> ) and other toxic gases or vapors.

## 11. TOXICOLOGICAL INFORMATION

<b>Likely Routes of Exposure:</b>	Eyes, Skin, Ingestion, Inhalation.
<b>Symptoms of Exposure:</b>	
<b>-Eye Contact:</b>	Pain, redness, swelling of the conjunctiva and tissue damage. Eye contact may cause permanent damage.
<b>-Skin Contact:</b>	Pain, redness and cracking of the skin.
<b>-Inhalation:</b>	Nasal discomfort and coughing.
<b>-Ingestion:</b>	Pain, nausea, vomiting and diarrhea.
<b>Immediate, Delayed, Chronic Effects</b>	
<b>Product Information:</b>	Data not available or insufficient for classification.
<b>Target Organ Effects:</b>	Central nervous system. -Eyes. Respiratory System. -Skin.
<b>Numerical Measures of Toxicity</b>	
The following acute toxicity estimates (ATE) are calculated based on the GHS document.	
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ATEmix (oral):	2301 mg/kg
ATEmix (dermal):	4814 mg/kg
ATEmix (inhalation-dust/mist):	2.6 mg/l

### Component Acute Toxicity Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
d-limonene 5989-27-5	= 4400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	Not Available
water 7732-18-5	> 90 mL/kg ( Rat )	Not Available	Not Available

Ethoxylated amine	= 1500 mg/kg ( Rat )	Not Available	Not Available
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-, monosodium salt 64972-19-6	= 16800 mg/kg ( Rat )	Not Available	Not Available

**Carcinogenicity:** No components present at 0.1% or greater are listed as to being carcinogens by ACGIH, IARC, NTP or OSHA.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
d-limonene 5989-27-5	Not Available	0.619 - 0.796: 96 h Pimephales promelas mg/L LC50 flow-through 35: 96 h Oncorhynchus mykiss mg/L LC50	Not Available	Not Available
Ethoxylated amine	Not Available	No data is available on the product itself.	Not Available	Not Available
b-Alanine, N-(2-carboxyethyl)-N-[3-(decyloxy)propyl]-, monosodium salt 64972-19-6	Not Available	LC50 (96 h) : 60.6 mg/l Species : Fathead minnow (Pimephales promelas). LC50 (24 h) : 100 - 250 mg/l Species : Fathead minnow (Pimephales promelas).	Not Available	Not Available

**Persistence and Degradability:** No information available.

**Bioaccumulation:** No information available.

**Other Adverse Effects:** No information available.

## 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes:** Dispose of in accordance with federal, state and local regulations.

**Contaminated Packaging:** Dispose of in accordance with federal, state and local regulations.

**US EPA Waste Number:** D001

## 14. TRANSPORT INFORMATION

### DOT:

Not a regulated material

### IMDG:

Not a regulated material

## 15. REGULATORY INFORMATION

### **TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### **SARA 313**

This product does not contain listed substances above the "de minimus" level

### **SARA 311/312 Hazard Categories**

Acute Health Hazard:	Yes
Chronic Health Hazard:	No
Fire Hazard:	Yes
Sudden release of pressure hazard:	No
Reactive Hazard:	No

### **California Proposition 65**

This product is not subject to warning requirements under California Proposition 65.

## 16. OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards: 2</b>	<b>Flammability: 2</b>	<b>Instability: 0</b>	<b>Special: N/A</b>
<b>HMIS</b>	<b>Health Hazards: 2</b>	<b>Flammability: 2</b>	<b>Physical Hazards: 0</b>	

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**End of Safety Data Sheet**