

# SAFETY DATA SHEET

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## SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

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**Product ID:** QOA227 / GOA227

**Product Name:** Orange Aide

**Revision Date:** Nov 26, 2018

**Version:** 2.0

**Distributor's Name:** PRO-LINE INDUSTRIAL PRODUCTS

**Address:** 723 W UNIVERSITY AVE #110-428 - GEORGETOWN, TX 78626

**Emergency Phone:** 800-424-9300 Chemtrec

**Information Phone Number:** (800) 263-9436

**Fax:** 888-676-9716

**Product/Recommended Uses:** Grease Trap Maintenance

**Date Printed:** 1/11/22

**Supersedes Date:** Nov 22, 2016

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## SECTION 2) HAZARDS IDENTIFICATION

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### Classification

Acute toxicity Oral - Category 4

Eye Irritation - Category 2B

Flammable Liquids - Category 3

Skin Irritation - Category 2

Skin Sensitizer - Category 1

### Pictograms



### Signal Word

Warning

### Hazardous Statements - Physical

H226 - Flammable liquid and vapor

### Hazardous Statements - Health

H302 - Harmful if swallowed

H320 - Causes eye irritation

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

### Precautionary Statements - General

P101 - If medical advice is needed, have product container or label at hand.

P102 - Keep out of reach of children.

P103 - Read label before use.

### Precautionary Statements - Prevention

- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.
- P240 - Ground/bond container and receiving equipment.
- P241 - Use explosion-proof electrical, ventilating, lighting, and equipment.
  
- P242 - Use only non-sparking tools.
- P243 - Take action to prevent static discharges.
- P280 - Wear protective gloves, protective clothing, eye protection, and face protection.
- P261 - Avoid breathing mist or vapors.
- P272 - Contaminated work clothing should not be allowed out of the workplace.

**Precautionary Statements - Response**

- P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
- P330 - Rinse mouth.
- 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 attention.
- P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
- P333 + P313 - If skin irritation or a rash occurs: Get medical attention.
- P362 + P364 - Take off contaminated clothing and wash it before reuse.
- P370 + P378 - In case of fire: Use water fog, dry chemical or carbon dioxide to extinguish.

**Precautionary Statements - Storage**

- P403 + P235 - Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

- P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

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**SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS**

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| CAS          | Chemical Name | % By Weight |
|--------------|---------------|-------------|
| 0005989-27-5 | D-LIMONENE    | 45% - 65%   |

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

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**SECTION 4) FIRST-AID MEASURES**

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**Inhalation**

- Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Get medical advice/attention if you feel unwell.

**Eye Contact**

- Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Get medical attention if irritation develops and persists.

**Skin Contact**

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

### **Ingestion**

Rinse mouth. If you feel unwell/If concerned: Get medical advice/attention.

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## **SECTION 5) FIRE-FIGHTING MEASURES**

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### **Suitable Extinguishing Media**

Dry chemical.

Carbon dioxide.

Foam.

### **Unsuitable Extinguishing Media**

High volume water jet.

### **Specific Hazards in Case of Fire**

Hazardous decomposition products may form and include the following materials: Carbon oxides

### **Fire-Fighting Procedures**

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely.

### **Special Protective Actions**

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

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## **SECTION 6) ACCIDENTAL RELEASE MEASURES**

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### **Emergency Procedure**

**Small spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large spill:** Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Do not touch or walk through spilled material. Isolate hazard area and keep unnecessary people away. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

### **Recommended Equipment**

Wear appropriate protective equipment (see Section 8).

### **Personal Precautions**

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

### **Environmental Precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

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## **SECTION 7) HANDLING AND STORAGE**

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### **General**

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Wash hands after use.  
 Do not get in eyes, on skin or on clothing.  
 Do not breathe vapors or mists.  
 Use good personal hygiene practices.  
 Eating, drinking and smoking in work areas is prohibited.  
 Remove contaminated clothing and protective equipment before entering eating areas.

### Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

### Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage.

Store at temperatures under 120°F.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY. KEEP FROM FREEZING.

## SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

### Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

### Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

### Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

### Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

| Chemical Name          | OSHA TWA (ppm) | OSHA TWA (mg/m3) | OSHA STEL (ppm) | OSHA STEL (mg/m3) | OSHA Tables (Z1, Z2, Z3) | OSHA Carcinogen | OSHA Skin designation | NIOSH TWA (ppm) | NIOSH TWA (mg/m3) | NIOSH STEL (ppm) | NIOSH STEL (mg/m3) | NIOSH Carcinogen |
|------------------------|----------------|------------------|-----------------|-------------------|--------------------------|-----------------|-----------------------|-----------------|-------------------|------------------|--------------------|------------------|
| No applicable chemical | -              | -                | -               | -                 | -                        | -               | -                     | -               | -                 | -                | -                  | -                |

| Chemical Name          | ACGIH TWA (ppm) | ACGIH TWA (mg/m3) | ACGIH STEL (ppm) | ACGIH STEL (mg/m3) |
|------------------------|-----------------|-------------------|------------------|--------------------|
| No applicable chemical | -               | -                 | -                | -                  |

## SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

|             |                |
|-------------|----------------|
| Density     | 7.17700 lb/gal |
| Density VOC | 3.49879 lb/gal |
| % VOC       | 48.75000%      |

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|                                |   |
|--------------------------------|---|
| Appearance                     | Orange Liquid                                     |
| Odor Threshold                 | N.A.  |
| Odor Description               | Citrus  |
| pH                             | N.A.  |
| Water Solubility               | Insoluble   |
| Flammability                   | Flash point at or above 100°F and less than 200°F |
| Flash Point                    | 110 °F  |
| Viscosity                      | N.A.  |
| Lower Explosion Level          | N.A.  |
| Upper Explosion Level          | N.A.  |
| Vapor Pressure                 | N.A.  |
| Vapor Density                  | N.A.  |
| Melting Point                  | N.A.  |
| Freezing Point                 | N.A.  |
| Low Boiling Point              | N.A.  |
| High Boiling Point             | N.A.  |
| Decomposition Pt               | N.A.  |
| Auto Ignition Temp             | N.A.  |
| Evaporation Rate               | N.A.  |
| VOC Composite Partial Pressure | N.A.  |

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## SECTION 10) STABILITY AND REACTIVITY

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### Stability

Stable.

### Conditions to Avoid

None.

### Incompatible Materials

None known.

### Hazardous Reactions/Polymerization

Will not occur.

### Hazardous Decomposition Products

None known.

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## SECTION 11) TOXICOLOGICAL INFORMATION

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### Skin Corrosion/Irritation

Causes skin irritation

### Serious Eye Damage/Irritation

Concentrate is an eye irritant and may cause irritation, redness, or tearing.

**Carcinogenicity**

No data available

**Germ Cell Mutagenicity**

No data available

**Reproductive Toxicity**

No data available

**Respiratory/Skin Sensitization**

May cause an allergic skin reaction

**Specific Target Organ Toxicity - Single Exposure**

No data available

**Specific Target Organ Toxicity - Repeated Exposure**

No data available

**Aspiration Hazard**

No data available

**Acute Toxicity**

Harmful if swallowed

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**SECTION 12) ECOLOGICAL INFORMATION**

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**Toxicity**

No data available

**Persistence and Degradability**

No data available.

**Bio-Accumulative Potential**

No data available.

**Mobility in Soil**

No data available.

**Other Adverse Effects**

No data available.

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**SECTION 13) DISPOSAL CONSIDERATIONS**

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**Waste Disposal**

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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**SECTION 14) TRANSPORT INFORMATION**

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**U.S. DOT Information**

UN number: UN2319  
Proper shipping name: Terpene hydrocarbons, n.o.s.  
Hazard class: 3  
Packaging group: III  
Hazardous substance (RQ): No Data Available  
Toxic-Inhalation Hazard: No Data Available  
Marine Pollutant: No Data Available  
Note / Special Provision: No Data Available

**IMDG Information**

UN number: UN2319  
Proper shipping name: Terpene hydrocarbons, n.o.s.  
Hazard class: 3  
Packaging group: III  
Marine Pollutant: No Data Available  
Note / Special Provision: No Data Available

**IATA Information**

UN number: UN2319  
Hazard class: 3  
Packaging group: III  
Proper shipping name: Terpene hydrocarbons, n.o.s.  
Note / Special Provision: No Data Available

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**SECTION 15) REGULATORY INFORMATION**

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| CAS          | Chemical Name | % By Weight | Regulation List  |
|--------------|---------------|-------------|------------------|
| 0005989-27-5 | D-LIMONENE    | 45% - 65%   | SARA312,VOC,TSCA |

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**SECTION 16) OTHER INFORMATION**

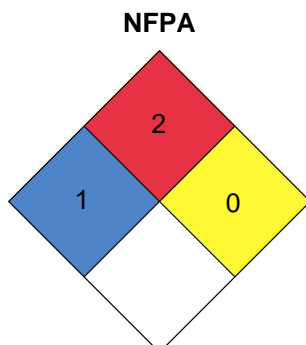
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**Glossary**

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

**HMIS**

|                     |     |
|---------------------|-----|
| Health              | / 1 |
| FLAMMABILITY        | 2   |
| Physical Hazard     | 0   |
| Personal Protection | B   |



(\*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

**Version 2.0:**

Revision Date: Nov 27, 2018

Version 2.0

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