



Date Issued: 9/2/2011

Material Safety Data Sheet

Product Name: G38 - Crazy Orange Bulk, Orange Spotter

## 1. Product and Company Information

P & S Sales, Inc  
20943 Cabot Blvd.  
Hayward CA 94545

Emergency Number: 800-255-3924  
Customer Service: 510-732-2628  
Business Fax: 510-732-2632

Generic Description: Orange clear thin liquid with citrus odor

NFPA Profile: Health 1 Flammability 1 Reactivity 0

## 2. OSHA Hazard Components

CAS Number	Wt %	Component Name
64742-47-8		Aliphatic Hydrocarbon, Mixture
5989-27-5		dLimonene
68919-53-9		Methyl Linoleate

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

## 3. Effects of Overexposure

Eye: May be mildly irritating.

Skin: May be mildly irritating.

Inhalation: May cause headache, dizziness, nausea, unconsciousness.

Ingestion: May irritate the stomach and intestines. If swallowed, may be resulting in inflammation and possible fluid accumulation in the lungs.

## 4. First Aid Measures

### EYE CONTACT

If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

### SKIN

In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

### INHALATION

If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

### INGESTION

If ingested, DO NOT induce vomiting; call a physician immediately.

## 5. Fire Fighting Measures

<b>Flash Point</b> >89°C (192°F) TCC	<b>Upper Flamability Limit</b>	not established
<b>Auto Ignition</b> 471°C (880°F)	<b>Lower Flamability Limit</b>	not established



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#### EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES

Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

#### DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS

Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

### 6. Accidental Release Measures

Precautions Required if Material is Released or Spilled:

Evacuate area of all unnecessary personnel. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Shut off source, if possible and contain spill. Protect from ignition. Keep out of water sources and sewers. Absorb in a dry, inert material (sand, clay, etc). Transfer to disposal drums using non-sparking equipment.

Waste Disposal (Insure Conformity with all Applicable Disposal Regulations):

Incinerate or place in permitted waste management facility.

### 7. Handling and Storage

Do not swallow, may be aspirated into lungs. Avoid contact with eyes, skin or clothing. Avoid breathing vapors, mist, fume or dust. Wear protective equipment and/or garments described in Section C if exposure conditions warrant. Wash thoroughly after handling. Launder contaminated clothing before reuse. Use with adequate ventilation. Keep away from heat, sparks and flame. Store in well-ventilated area. Store in tightly closed container. Bond and ground during transfer.

### 8. Exposure Controls and Personal Protection

64742-47-8	Aliphatic Hydrocarbon, Mixture	None Established
5989-27-5	dLimonene	None Established
68919-53-9	Methyl Linoleate	None Established

#### VENTILATION

Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

#### RESPIRATORY PROTECTION

Not generally required. Use supplied-air respiratory protection in confined or enclosed spaces, if needed.



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**PROTECTIVE GLOVES**

Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

**EYE PROTECTION**

Use splash goggles or face shield when eye contact may occur.

**OTHER PROTECTIVE EQUIPMENT**

Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

**WORK PRACTICES / ENGINEERING CONTROLS**

To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with (THE) National Fire Protection Association PUBLICATIONS.

**9. Physical and Chemical Properties****Physical State** Liquid**Color** Straw**Vapor Press** .12 mmHg**pH** N/A**Specific Gravity** .796**Viscosity** 1 cps**Vapor Density (Air=1)** >3**Melting Point °F** unknown**Odor** Citrus**Water Solubility** dispersable**VOC Content**100% by AQMD, <40% via CARB  
LVP-VOC exceptions**10. Stability and Reactivity****Stability** Stable**Hazardous Polymerization** Not Expected to Occur**Conditions to Avoid**

Keep away from extreme heat, Strong Acids, Alkalies and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen

**Hazardous  
Decomposition Products**

No substances are readily identifiable from composition but no degradation data is available.

**11. Toxicological Information****NATURE OF HAZARD AND TOXICITY INFORMATION**

Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

**12. Ecological Information**

Do not discharge this product into public waters or waterways unless authorized by a National Pollution Discharge Elimination System (NPDES) permit issued by the Environmental Protection Agency (EPA).

**13. Disposal Information**

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

Please refer to Sections 5, 6 and 15 for additional information.



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## 14. Transportation Information

Non-bulk packagings (capacity less than or equal to 119 gallons) excepted 49CFR 173.150(f)(1) and 173.150(f)(2)

NA1993, Combustible Liquid, n.o.s. (Naphtha Solvent), 3, PGIII

Transported by air or marine vessel:

Bulk or non-bulk packagings

UN1993, Flammable Liquid, N.O.S. (Naphtha Solvent), 3, PG III

## 15. Regulatory Information

SARA 313

As of the preparation date, this product did not contain a chemical or chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

NFPA 704 Hazard Codes - - - - - Signals

Health : 1

Flammability: 1

Reactivity : 0

Special Haz.: -

Note: Changes made in Sections B, E and F.

## 16. Other Information

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.



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