# MATERIAL SAFETY DATA SHEET

## SECTION 1 - PRODUCT SOURCE AND IDENTITY

<table>
<thead>
<tr>
<th>Supplier identity and address</th>
<th>Product description</th>
<th>Date: Sept. 18, 2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aldran Chemical, Inc.</td>
<td>Name: Super Orange</td>
<td></td>
</tr>
<tr>
<td>1313 No. Carolan Ave.</td>
<td>Purpose: Neutral solvent cleaner</td>
<td></td>
</tr>
<tr>
<td>Burlingame, CA 94010</td>
<td>Proprietary Formula Code: ACI Super Orange</td>
<td></td>
</tr>
<tr>
<td>Emergency phone: 800-969-3378</td>
<td>Product information: 800-969-3378</td>
<td></td>
</tr>
</tbody>
</table>

## SECTION 2 - SHIPPING CLASSIFICATION

- **Proper Shipping Name, Hazard Class, UN/NA Number, Packing Group, Emergency Response Guide Number**
  - Non regulated "Combustible Liquid" when transported by land vehicle. (173.150(f)(1))
  - Combustible liquid, n.o.s., Combustible liquid, NA1993, PGIII ERG 128

- **Labels required per 49 CFR 172.101:** None
- **Qualifies for "Limited quantity" per 49 CFR 173.150-.155:** Not applicable
- **Reportable Quantity ("RQ") per 49 CFR172.101:** None or not possible in one non-bulk package

## SECTION 3 - SAFETY RATINGS AND HAZARDOUS INGREDIENT INFORMATION

**EXPOSURE LIMIT VALUES**

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Material or Component</th>
<th>% RQ#</th>
<th>TWA</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>5989-27-5</td>
<td>d-Limonene</td>
<td>&lt;100</td>
<td>None</td>
<td>Not established</td>
</tr>
</tbody>
</table>

Contains non regulated detergent material which may contribute to eye and skin irritation.

No component is listed in "THRESHOLD LIMIT VALUES AND BIOLOGICAL EXPOSURE INDICES FOR 2009" from ACGIH except as noted above. Components listed in TITLE III SEC 313 (EPCRA) are indicated by "Yes" above.

**Emergency overview:** Neutral solvent cleaner. Combustible liquid. Keep from flame and sparks. Use standard industrial good practices.

- **Hazard Categories:** Health 1, Fire 2, Instability 0, Other NA
- **NFPA Hazard Ratings:** Health 1, Flammability 2, Reactivity 0, Special NA
- **Hazard Ratings:** Least: 0, Slight: 1, Moderate: 2, High: 3, Extreme: 4

Note: HMIS and NFPA ratings are subjective evaluations of hazards and can differ between preparers. They are intended and useful only as a rapid approximation of the hazards rated.

**Threshold limit value:** Not established on product.

**TOSCA Status:** All ingredients listed CERCLA RQ: See Sec 2.

**California Prop. 65:** None

## SECTION 4 - PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Appearance:</th>
<th>Clear, colorless liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odor:</td>
<td>Citrus</td>
</tr>
<tr>
<td>Specific gravity:</td>
<td>Approx. 0.85</td>
</tr>
<tr>
<td>pH reaction:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>% phosphorous:</td>
<td>None</td>
</tr>
<tr>
<td>VOC Content:</td>
<td>850 g/l</td>
</tr>
<tr>
<td>California Rule 102 (66):</td>
<td>Contains no photochemically active materials.</td>
</tr>
</tbody>
</table>

**Reproductive implications:** None

**Ingredients on cancer lists:** None
SECTION 5 - SAFE HANDLING AND STORAGE

General: Neutral, flammable solvent cleaner. Store in a cool place, away from all sources of heat and ignition. Keep lid on containers when not in use. Use standard industrial good practices. Over exposure to fumes may cause head aches, dizziness or nausea.

Protective equipment

Eyes: Safety glasses or goggles should be worn if there is possibility of eye contact.

Skin: Impermeable gloves such as rubber, PVC or neoprene are recommended.

Respiratory protection: None normally required. If risk of inhalation occurs, select and use equipment according to OSHA/NIOSH guidelines for nuisance mists.

Ventilation: A well ventilated work environment is recommended.

Other: Protect from flame, sparks and other sources of ignition.

SECTION 6 - HEALTH SAFETY DATA

Effects of chronic over exposure

Eyes: None.

Skin: Can cause irritation from repeated exposure.

Inhalation: Mists may be irritating. Fumes may cause head aches, dizziness or nausea.

Ingestion: Not a likely source of chronic exposure.

SECTION 7 - PHYSICAL STABILITY AND REACTIVITY DATA

Explosive limits

Flash point: See Sec 4

Upper ND Lower ND

Conditions to avoid: Exposure to heat and ignition sources. Guard against conditions favorable to spontaneous combustion.

Chemical stability: Stable

Hazardous polymerization: Cannot occur

Hazardous decomposition products: None known

Incompatibility: Oxidation chemicals like peroxides, etc.

SECTION 8 - EMERGENCY RESPONSE PROCEDURES

Fire

Extinguishing media: Foam, fog or mist, dry chemical.

Special procedures: Water will cool the product in drums, but a water stream is contra-indicated on free, burning liquid as it may spread it.

Unusual hazards: Dense black smoke formed on combustion.

First Aid

Eyes: Flush with water for at least 15 min. Seek medical attention.

Skin: Wash exposed skin with soap and water until gone. Remove affected clothes rinse off product and wash clothes before reuse.

Inhalation: If affected, remove individual to fresh air, get medical attention at once if there is any discomfort.

Ingestion: Dilute by giving large amounts of milk or water. Get medical attention immediately. Do not induce vomiting.

Spills

Small / large spill: Small amounts may be flushed to drain. Comply with federal, state and local regulations on reporting spills. Floors may be slippery. Keep out of waterways and storm sewers.

Product as made has the characteristic of ignitability, like "Unlisted Hazardous Waste D001", RQ 100#.

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MSDS prepared by: R.N. Miller 1-800-342-3577