

# SAFETY DATA SHEET

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

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## Section I - Product & Company Identification

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### Product identifier

Product name : ORANGE ALL 2

Product form: Liquid

Other means of identification: LB032

Relevant identified uses of the substance or mixture: Degreaser, Cleaner

### Details of the supplier of the safety data sheet

Manufacturer:

Diversified Chemical Products, Inc. 4124 B NW Riverside Street, Riverside, MO 64150

Phone: 816-472-5515

### Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300

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## Section II – Hazards Identification

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### Classification

Acute toxicity - Oral Category 5

Acute toxicity – Inhalation Category 4

Skin irritation Category 2

Serious eye damage/irritation Category 1

Skin sensitization Category 1

Carcinogen Category 2

Acute aquatic toxicity Category 2

Pictogram



### Signal Word

**Danger**

### Hazard Statements

May be harmful if swallowed.

Harmful if inhaled.

Causes skin irritation

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing cancer.

Toxic to aquatic life.

**Precautionary Statements – Prevention**

Avoid breathing dust/fume/gas/mist.  
Use only in a well ventilated area.  
Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements – Response**

IN CASE OF FIRE: Consider carbon dioxide, dry chemical or alcohol resistant foam to extinguish.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs  
IF ON SKIN: Wash with plenty of soap and water. If irritation occurs get medical attention. Wash contaminated clothing before reuse.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do not induce vomiting.  
Take off contaminated clothing and wash before reuse.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call POISON CENTER/doctor if you feel unwell.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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**Section III –Composition/Information on ingredients**

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Mixture

Name	CAS #	Weight %
D-Limonene	5989-27-5	1-5
Tetrasodium ethylenediamine tetraacetate	64-02-8	1-5
Cocoamide DEA	68603-42-9	1-5
Diethanolamine	111-42-2	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

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**Section IV – First Aid Measures**

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**First Aid Measures**

**Inhalation:** Remove to fresh air. If breathing stops, provide artificial respiration. If symptoms persist, call a physician.

**Eye Contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Ingestion:** Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

**Skin Contact:** Remove contaminated clothing, wash skin with plenty of water. If skin irritation persists, call a physician.

### **Most Important Symptoms and Effects, both Acute and Delayed**

#### **Symptoms**

May cause skin irritation and severe eye damage with reddening and watering.

### **Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians:** Treat symptomatically.

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## **Section V – Fire Fighting Measures**

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### **Suitable Extinguishing Media**

Water spray, alcohol resistant foam, dry chemical or carbon dioxide.

**Unsuitable Extinguishing Media** Not determined.

### **Specific Hazards Arising from the Chemical**

Carbon oxides

### **Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## **Section VI –Accidental Release Measures**

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### **Personal Precautions, Protective Equipment and Emergency Procedures**

**Personal Precautions** Use personal protective equipment as required. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe area.

### **Methods and Material for Containment and Cleaning Up**

**Methods for Containment:** Prevent further leakage or spillage if safe to do so by containing with inert absorbent. Avoid releasing to the environment..

**Methods for Cleaning Up:** Collect liquid in a sealable container. Sprinkle inert absorbent compound onto spill, then sweep into a container. Keep in suitable, closed containers for disposal.

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## Section VII – Handling & Storage

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### Precautions for Safe Handling

**Advice on Safe Handling:** Handle in accordance with good industrial hygiene and safety practice. Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

### Conditions for Safe Storage, Including any Incompatibilities

**Storage Conditions:** Keep containers tightly closed in a dry, cool and well-ventilated place.

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## Section VIII – Exposure Controls/ Personal Protection

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### Exposure Guidelines

<b>Chemical Name</b>	<b>CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH</b>
D-Limonene	5989-27-5	Not established	Not established	Not established
Tetrasodium ethylenediamine tetraacetate	64-02-8	Not established	Not established	Not established
Cocoamide DEA	68603-42-9	Not established	Not established	Not established
Diethanolamine	111-42-2	No data available	1 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>

### Appropriate Engineering Controls

**Engineering Controls:** Provide adequate ventilation, eyewash stations.

### Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection:** Wear approved safety goggles/ face shield where a splash hazard exists.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practice.

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## Section IX – Physical & Chemical Properties

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### Information on Basic Physical and Chemical Properties

<b>Physical State</b>	Liquid
<b>Color</b>	Light orange
<b><u>Property</u></b>	<b><u>Values</u></b>
pH	12-13.5
Melting Point/Freezing Point	No data available
Boiling Point/Boiling Range	No data available
Flash Point	> 100 ° C (212 ° F)
Evaporation Rate	No data available
Flammability (Solid, Gas)	n/a-liquid
Upper Flammable Limits	No data available
Lower Flammable Limits	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.01
Water Solubility	Soluble
Solubility in Other Solvents	No data available
Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Kinematic Viscosity	No data available
Dynamic Viscosity	No data available
Explosive Properties	Not an Explosive
Oxidizing Properties	No data available
Odor	Citrus
Odor Threshold	No data available

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## Section X – Stability & Reactivity

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### **Reactivity**

No data available.

### **Chemical Stability**

Stable under recommended storage conditions.

### **Possibility of Hazardous Reactions**

No hazardous polymerization.

### **Conditions to Avoid**

Sources of ignition, extreme heat..

**Incompatible Materials** Oxidizing agents, strong acids

### **Hazardous Decomposition Products**

Carbon dioxide, carbon monoxide, acrid smoke.

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## Section XI - Toxicological information

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### Information on Likely Routes of Exposure

#### Product Information

**Inhalation:** Avoid breathing vapors or mists.

**Eye Contact:** Causes serious eye damage.

**Skin Contact:** Causes moderate skin irritation, dry skin, redness..

**Ingestion:** Harmful if swallowed.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
D-Limonene	5989-27-5	>5,000 mg/kg(Rat)	>5,000 mg/kg(Rabbit)	No data available
Tetrasodium ethylenediamine tetraacetate	64-02-8	LD50, Rat, 3,030 mg/kg	LD50, Rabbit, > 5,000 mg/kg	No data available
Cocoamide DEA/ Diethanolamine	68603-42-9  111-42-2	No data available	>2 g/kg (Rabbit)	No data available

Chemical Name	D-Limonene	Tetrasodium ethylenediamine tetraacetate
Skin corrosion/irritation	Moderate irritation	may cause skin irritation
Serious eye damage/irritation	No data available	May cause severe irritation with corneal injury
Respiratory or skin sensitization	Sensitizer when oxidized	No data available
Mutagenicity	No data available	No data available
Carcinogenicity	Not classified as carcinogen	Not classified as carcinogen
Reproductive toxicity	No data available	No data available
Specific target organ toxicity-Single exposure	No data available	No data available
Specific target organ toxicity-repeated exposure	No data available	Repeated excessive exposures may alter concentrations of metals in the body.
Aspiration hazard	Aspiration hazard	Can occur.

Chemical Name	Cocoamide DEA/ Diethanolamine
Skin corrosion/irritation	Causes irritation
Serious eye damage/irritation	Causes serious eye damage.
Respiratory or skin sensitization	No data available
Mutagenicity	No data available
Carcinogenicity	Suspected of causing cancer
Reproductive toxicity	Not expected to cause.
Specific target organ toxicity-Single exposure	No data available
Specific target organ toxicity-repeated	No data available

exposure	
Aspiration hazard	No data available

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure**

**Carcinogenicity:** This product does contain carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Numerical Measures of Toxicity:** Not determined

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**Section XII - Ecological information**

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**Ecotoxicity**

There is no data available for this product as a whole.

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates
D-Limonene	67-63-0	No data available	LC50 - Pimephales promelas (fathead minnow) 0.702 mg/l - 96 h	EC50 - Daphnia pulex (Water flea) – 69.6 mg/l 48 h
Tetrasodium ethylenediamine tetraacetate	64-02-8	No data available	LC50, Pimephales promelas (fathead minnow), 96 Hour, > 100 mg/l	No data available
Cocoamide DEA/	68603-42-9	< 10 mg/l, 72 h	< 10 mg/l, 96 h	< 10 mg/l, 48 h
Diethanolamine	111-42-2			

**Persistence and Degradability**

No data available

**Bioaccumulation**

No data available

**Mobility**

No data available

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**Section XIII - Disposal considerations**

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**Waste Disposal Method**

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

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**Section XIV - Transport information**

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**DOT Proper Shipping Description:**

**Bulk & Non-Bulk:** NA1760, Compounds, cleaning liquid, (d-limonene, Tetrasodium ethylenediaminetetraacetate), 8, PG III

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**Section XV - Regulatory information**

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**SARA Title III Section 311/312 (40CFR370):** Acute, chronic health hazard

**SARA Title III Section 313 (40CFR372):** Diethanolamine

**RCRA Status (40CFR261.33):** No reportable components.

**TSCA Inventory Status:** Reported/included

**OSHA/NTP/IARC Carcinogen Status:** listed

**Canadian DSL Status:** Reported/included

**Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:**

This material is known to contain any chemicals currently listed as carcinogens or reproductive toxins. Cocoamide DEA, Diethanolamine.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
D-Limonene	Not regulated	Not regulated	Not regulated
Tetrasodium ethylenediamine tetraacetate	Not regulated	Formaldehyde	Not regulated
Cocoamide DEA/  Diethanolamine	  X	  X	  X

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**Section XVI - Other information**

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**HMIS ratings:** Health: 3  
 Flammability: 0  
 Reactivity: 0

Indication of changes: Revision – 1

Date Sheet Prepared: 06/02/2015

Other information: Author – EHS Administrator

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The information herein is presented in good faith and believed to be correct as of the date hereof. However, the manufacturer makes no representation as to the completeness and accuracy thereof. Users must make their own determination as to the suitability of the product for their purposes prior to use.

No representations or warranty's, either express or implied of merchantability, fitness for a particular purpose or of any other nature with respect to the product or to the information herein is made hereunder. The manufacturer shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon information contained herein.

**END OF SDS**