

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**Citra Power**

Revision: 11/1/2017

**1. Identification**

**Product identifier**

**Product name:** Citra Power

**Product number:** CIP

**Recommended use and restriction on use**

**Recommended use:** All-purpose cleaner

**Restrictions on use:** No relevant information available.

**Details of the supplier of the Safety Data Sheet**

Verax Chemical Company  
20102 Broadway Ave  
Snohomish, WA 98296  
Tel: 360-668-2431

**Emergency telephone number**

USA: (800) 535-5053                      International: +1 (352) 323-3500

**2. Hazard(s) identification**

**Classification of the substance or mixture**

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

OR

Hazard class and category	Hazard statement code(s)	
Skin corrosion/irritation	Cat. 1.	H314
Serious eye damage/eye irritation	Cat. 1.	H318
Skin sensitization	Cat. 1.	H317
Carcinogenicity	Cat. 2.	H351

**Label elements**

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Hazard pictograms**

**Signal word:** Danger

**Pictograms**



GHS05    GHS07    GHS08

**Hazard statements**

H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H317	May cause an allergic skin reaction
H351	Suspected of causing cancer.

**Precautionary statements - prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

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### Precautionary statements – response

Immediately call a POISON CENTER or doctor

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 doctor.

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

### Precautionary statements – storage

Store locked up.

### Precautionary statements – disposal

Dispose of contents / container in accordance with local / regional / national / international regulations

### Hazardous ingredients for labeling

#### Other hazards

Toxic to aquatic life with long lasting effects.

## 3. Composition/information on ingredients

Chemical Name	CAS No.	Weight %
d-Limonene	5989-27-5	<5
Glycerol	56-81-5	<1
Diethanolamine	111-42-2	<1
Cocamide DEA	68603-42-9	<1
Sulfonic acids	68439-57-6	<1

#### Additional information:

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

## 4. First-aid measures

### Description of first aid measures

#### General Advice

If exposed or concerned: Get medical advice/attention.

#### After inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a poison center or doctor/physician.

#### After skin contact

Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.

#### After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

#### After swallowing

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Rinse mouth. Do NOT induce vomiting.

#### Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of causing cancer.

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing agents:** Not determined.

#### Special hazards arising from the substance or mixture

Not determined.

### Advice for firefighters

#### Protective equipment:

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

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

Use personal protective equipment as required.

#### Environmental precautions

See Section 12 for additional Ecological Information.

### Methods and material for containment and cleaning up

#### Methods for containment

Prevent further leakage or spillage if safe to do so.

#### Methods for clean-up

Keep in suitable, closed containers for disposal.

#### Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7. Handling and storage

### Precautions for safe handling

#### Recommendations

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Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing and eye/face protection. Do not breathe dusts or mists. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions**

Store locked up.

**Requirements to be met by storerooms and receptacles**

None.

**Incompatible substances or mixtures**

None known based on information supplied.

**Specific end use(s):** No relevant information available.

**8. Exposure controls/personal protection**

**Occupational exposure limits**

**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Diethanolamine	111-42-2	(vacated) TWA	3	15
Glycerol	56-81-5	TWA		5 mist, respirable fraction 15 mist, total particulate

**US. ACGIH Threshold Limit Values**

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Diethanolamine	111-42-2	TWA	-	1

**US. NIOSH: Pocket Guide to Chemical Hazards**

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Diethanolamine	111-42-2	TWA	3	15

**Notation**

TWA Time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average.

**Exposure controls**

**Appropriate engineering controls**

Apply technical measures to comply with the occupational exposure limits.

**Individual protection measures, such as personal protective equipment**

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**General protective and hygienic measures**

Handle in accordance with good industrial hygiene and safety practice.

**Eye/face protection**

Refer to 29 CFR 1910.133 for eye and face protection regulations.

**Skin and body protection**

Refer to 29 CFR 1910.138 for appropriate skin and body protection.

**Respiratory protection**

Refer to 29 CFR 1910.134 for respiratory protection requirements.

**Other protection measures**

None.

**Limitation and supervision of exposure into the environment**

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

**Risk management measures** No special requirements.

**9 Physical and chemical properties**

**Information on physical and chemical properties**

**Appearance**

<b>Form</b>	Liquid
<b>Color</b>	Clear, orange
<b>Odor</b>	Pleasant orange
<b>Odor threshold</b>	Not determined
<b>pH</b>	12
<b>Melting point/freezing point</b>	0°C (32°F)
<b>Boiling point/boiling point range</b>	100°C (212°F)
<b>Flash point</b>	Not available
<b>Auto-ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Flammability (solid, gas)</b>	Not applicable
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not determined
<b>Flammability limit – upper (%)</b>	Not determined
<b>Explosive limit – lower (%)</b>	Not determined
<b>Explosive limit – upper (%)</b>	Not determined
<b>Vapor Pressure at 20°C (68°F)</b>	Not determined
<b>Density at 20°C (68°F)</b>	1.038 g/cm <sup>3</sup> (8.66 lbs/gal)
<b>Relative density</b>	Not determined
<b>Vapor density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Fully miscible
<b>Partition coefficient (n-octanol/water)</b>	Not determined

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**Viscosity** Not determined  
**Other information** No relevant information available

**10 Stability and reactivity**

**Reactivity**

The product is stable and non-reactive under normal conditions of use, storage, and transport

**Chemical stability**

The product is stable under normal conditions

**Possibility of hazardous reactions**

None under normal processing.

**Conditions to avoid**

Keep out of reach of children.

**Incompatible materials**

None known based on information supplied.

**Hazardous decomposition products**

None known based on information supplied.

**11 Toxicological information**

**Information on likely routes of exposure**

**Product Information**

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

**Skin Contact:** Causes severe skin burns.

**Inhalation:** Do not inhale.

**Ingestion:** Do not ingest.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
d-Limonene 5989-27-5	=5200 mg/kg (Rat) =440 mg/kg (Rat)	>5g/kg (Rabbit)	-
Alcohols, C9-11 ethoxylated 68439-46-3	=1400 mg/kg (Rat) =1378 mg/kg (Rat)	>2 g/kg (Rabbit)	-
Diethanolamine 111-42-2	=780 mg/kg (Rat) =620 µL/kg (Rat)	=7640 µL/kg (Rabbit)	-

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Glycerol 67-63-0	=12600 mg/kg (Rat)	>10 g/kg (Rabbit)	>570 mg/m <sup>3</sup> (Rat) 1h
Cocamide DEA 68603-42-9	>5000 mg/kg (Rat)	>2 g/kg (Rabbit)	
Sulfonic acids 68439-57-6	=2220 mg/kg (Rat)	>740 mg/kg (Rat)	-

**Information on physical, chemical and toxicological effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** May cause an allergic skin reaction.

**Carcinogenicity** Suspected of causing cancer.

Chemical Name	ACGIH	IARC	NTP	OSHA
d-Limonene 107-98-2	-	Group 3	-	X
Diethanolamine 107-98-2	A3	Group 2B	-	X
Docamide DEA 68603-42-9	-	Group 2B	-	X

**Legend**

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
*A3 - Animal Carcinogen*  
*IARC (International Agency for Research on Cancer)*  
*Group 2B - Possibly Carcinogenic to Humans*  
*Group 3 IARC components are "not classifiable as human carcinogens"*  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
*X - Present*

**Numerical measures of toxicity**

The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (dermal)** 49,322.00 mg/kg

**12 Ecological information**

**Toxicity**

Toxic to aquatic life with long lasting effects.

Chemical Name	Endpoint Value	Species	Exposure time
d-Limonene 5989-27-5	0.619-0.796 mg/L LC50 flow-through 35 mg/L LC50	Pimephales promelas Oncorhynchus mykiss	96 h 96 h
Diethanolamine 111-42-2	7.8 mg/L EC50 2.1-2.3 mg/L EC50 4460-4980 mg/L LC50 flow-through	Desmodesmus subspicatus Pseudokirchneriella subcapitata Pimephales promelas	72 h 96 h 96 h

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	1200-1580 mg/L LC50 static	Pimephales promelas	96 h
	600-1000 mg/L LC50 semi-static	Lepomis macrochirus	96 h
	55 mg/L EC50	Daphnia magna	48 h
Glycerol 56-81-5	51-57 mg/L LC50 static 500 mg/L EC50	Oncorhynchus mykiss Daphnia magna	96 h 24 h
Cocamide DEA 68603-42-9	3.6 mg/L LC50 semi-static 4.2 mg/L EC50	Brachydanio rerio Daphnia Magna	96 h 24 h
Sulfonic acids 68439-57-6	1-10 mg/L LC50 static 12.2 mg/L LC50 semi-static	Brachydanio rerio Brachydanio rerio	96 h 96 h

**Persistence and degradability**

Not determined.

**Bioaccumulative potential**

Not determined.

**Mobility in soil**

Chemical Name	Partition Coefficient
Diethanolamine 111-42-2	-2.18
Glycerol 56-81-5	-1.76

**Additional ecological information**

**General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

**Other adverse effects:** Not determined.

**13 Disposal considerations**

**Waste treatment methods**

**Disposal Recommendations**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**Uncleaned packaging**

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleansing agent:** Water, if necessary with cleansing agents.

**California Hazardous Waste Status**

Chemical Name	California Hazardous Waste Status
d-Limonene 5989-27-5	Toxic



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**14 Transport information**

**DOT**  
Not regulated

**IATA**  
Not regulated

**IMDG**  
Not regulated

**15 Regulatory information**

**International Inventories**

All ingredients are listed or exempt from listing on Chemical Substance Inventory

**US Federal Regulations**

**CERCLA**

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Diethanolamine 111-42-2	100 lb	-	RQ 100 lb final RQ RQ 45.4 kg final RQ

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US State Regulations**

**California Proposition 65**

Chemical Name	California Proposition 65
Diethanolamine 111-42-2	Carcinogen
Cocomide DEA 68603-42-9	Carcinogen

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

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diethanolamine 111-42-2	X	X	X
Glycerol	X	X	X



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56-81-5

## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of Preparation / current revision:** 11/1/2017 /

**· Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sorinternet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org)) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers