

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Product form : Mixture  
Product name : **Orange Power**  
Product code : 9883

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the substance/mixture : Cleaner-Degreaser

**1.3. Details of the supplier of the safety data sheet**

Crestek Cleaning Center, Inc.  
1161 Kapiolani Blvd.  
Honolulu, HI 96814  
T 1-(808) 942-2500

**1.4. Emergency telephone number**

Emergency number : CHEMTEL: 800-255-3924

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**GHS US classification**

Skin Irrit. 2 H315  
Eye Dam. 1 H318

Full text of H statements : see section 16

**2.2. Label elements**

**GHS US labeling**

Hazard pictograms :



GHS05

Signal word :

Danger

Hazard statements :

Causes skin irritation.  
Causes serious eye damage.

Precautionary statements :

Wash hands and forearms thoroughly after handling.  
Wear eye protection, protective gloves, protective clothing.  
If on skin: Wash with plenty of water.  
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/physician.  
Specific treatment (see the emergency and first aid section of this Safety Data Sheet on this label).  
If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash it before reuse.

**2.3. Hazard not otherwise classified (HNOC)**

No additional information available.

**2.4. Unknown acute toxicity (GHS US)**

No data available

**SECTION 3: Composition/Information on ingredients**

**3.1. Substances**

Not applicable.

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

Full text of H-phrases: see section 16

**3.2. Mixture**

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Name	Product identifier	%	GHS US classification
poly(oxy-1,2-ethanediy), a-undecyl-w-hydroxy-	(CAS-No.) 34398-01-1	1 - 5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401
1-butoxy-2-propanol	(CAS-No.) 5131-66-8	1 - 5	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2, H319
disodium metasilicate	(CAS-No.) 6834-92-0	1 - 5	Skin Corr. 1B, H314 STOT SE 3, H335

(NOTE: If component displays the \* (asterisk) symbol, the following statement applies.)

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: If skin irritation or rash occurs: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation persists, get medical attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: FOLLOWING SYMPTOMS MAY APPEAR LATER: Gastrointestinal complaints. Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. Nausea.

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

No additional information available.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	: Alcohol-resistant foam. BC powder. Carbon dioxide. Dry chemical powder. Sand/earth.
Unsuitable extinguishing media	: No unsuitable extinguishing media known.

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

No additional information available.

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	: No additional information available.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : Isolate from fire, if possible, without unnecessary risk.

##### 6.1.1. For non-emergency personnel

Protective equipment	: Protective goggles. Protective gloves. Protective clothing.
Emergency procedures	: Evacuate unnecessary personnel.

##### 6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

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### 6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

### 6.3. Methods and material for containment and cleaning up

For containment : Contain released product, pump into suitable containers. Plug the leak, cut off the supply.  
Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials. Wash down leftovers with plenty of water. Wash clothing and equipment after handling.

### 6.4. Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not get in eyes, on skin, or on clothing. Do not breathe mist, vapors. Ensure good ventilation of the work station. Observe normal hygiene standards. Provide good ventilation in process area to prevent formation of vapor. Provide local exhaust or general room ventilation. Use only outdoors or in a well-ventilated area. Use personal protective equipment as required.  
Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Wash hands and forearms thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Provide local exhaust or general room ventilation. Comply with applicable regulations.  
Incompatible products : Strong acids. Oxidizing agent.  
Storage area : Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No data available

### 8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.  
Hand protection : Wear protective gloves.  
Eye protection : Chemical goggles or safety glasses.  
Skin and body protection : Wear suitable protective clothing.  
Respiratory protection : Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. In case of insufficient ventilation, wear suitable respiratory equipment.  
Appropriate engineering controls : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Liquid  
Color : Orange-red  
Odor : Citrus  
Odor threshold : No data available  
pH : 12 - 13  
Melting point : No data available  
Freezing point : No data available  
Boiling point : No data available  
Flash point : > 200 °F  
Relative evaporation rate (butyl acetate=1) : No data available  
Flammability (solid, gas) : No data available  
Explosion limits : No data available  
Vapor pressure : No data available  
Vapor density : No data available

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Specific Gravity @ 77° F	: 1.025 - 1.045
Solubility	: Soluble in water
Partition Coefficient n-Octanol-Water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available

### 9.2. Other information

VOC content	: < 25 g/l CARB VOC
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No additional information available.

### 10.2. Chemical stability

Stable under recommended conditions.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Extremely high or low temperatures.

### 10.5. Incompatible materials

Strong acids. Oxidizers.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide. Phosphorus oxides.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
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#### disodium metasilicate (6834-92-0)

LD50 dermal rat	> 5000 mg/kg body weight (Rat; Read-across; OECD 402: Acute Dermal Toxicity)
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#### 1-butoxy-2-propanol (5131-66-8)

LD50 oral rat	> 2000 mg/kg (Rat)
LD50 dermal rabbit	3100 mg/kg (Rabbit)
ATE US (dermal)	3100 mg/kg body weight

#### poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE US (oral)	500 mg/kg body weight

Skin corrosion/irritation	: Causes skin irritation. pH: 12 - 13
Serious eye damage/irritation	: Causes serious eye damage. pH: 12 - 13
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Symptoms/effects after skin contact	: Causes skin irritation. May cause an allergic skin reaction.
Symptoms/effects after eye contact	: Causes serious eye irritation.

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Symptoms/effects after ingestion : FOLLOWING SYMPTOMS MAY APPEAR LATER: Gastrointestinal complaints. Irritation of the gastric/intestinal mucosa. Irritation of the oral mucous membranes. Nausea.

### SECTION 12: Ecological information

#### 12.1. Toxicity

disodium metasilicate (6834-92-0)	
LC50 fish 1	210 mg/l (96 h; Brachydanio rerio)
EC50 Daphnia 1	216 mg/l (96 h; Daphnia magna; Static system)
LC50 fish 2	2320 mg/l (96 h; Gambusia affinis)
EC50 Daphnia 2	632 mg/l (96 h; Lymnaea sp.; Static system)
Threshold limit algae 1	207 mg/l (72 h; Scenedesmus subspicatus; GLP)
1-butoxy-2-propanol (5131-66-8)	
LC50 fish 1	1060 mg/l (Fathead minnow)
EC50 Daphnia 1	> 1000 mg/l
NOEC (acute)	560 mg/l (Daphnia magna)
poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1)	
LC50 fish 1	≈ 7.5 (5 - 10) mg/l
EC50 Daphnia 1	≈ 7.5 (5 - 10) mg/l
ErC50 (algae)	≈ 50 (1 - 100) mg/l

#### 12.2. Persistence and degradability

disodium metasilicate (6834-92-0)	
Persistence and degradability	Biodegradability: not applicable. No (test)data on mobility of the substance available.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable
1-butoxy-2-propanol (5131-66-8)	
Persistence and degradability	Readily biodegradable in water.

#### 12.3. Bioaccumulative potential

disodium metasilicate (6834-92-0)	
Bioaccumulative potential	Bioaccumulation: not applicable.
1-butoxy-2-propanol (5131-66-8)	
Log Pow	0.98 (QSAR)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Other adverse effects

No additional information available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with Local, State, and Federal regulations.  
Ecology - waste materials : Avoid release to the environment.

### SECTION 14: Transport information

#### 14.1. UN Number

UN-No.(DOT) : Not Regulated  
Other information : No supplementary information available.

#### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : Not Regulated

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) 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.

methanol	CAS-No. 67-56-1	< 0.1%
<b>disodium metasilicate (6834-92-0)</b>		
Listed on the United States TSCA (Toxic Substances Control Act) inventory. Listed on the Canadian DSL (Domestic Substances List).		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	
<b>1-butoxy-2-propanol (5131-66-8)</b>		
Listed on the United States TSCA (Toxic Substances Control Act) inventory. Listed on the Canadian DSL (Domestic Substances List).		
SARA Section 311/312 Hazard Classes	Fire hazard Immediate (acute) health hazard	
<b>poly(oxy-1,2-ethanediyl), a-undecyl-w-hydroxy- (34398-01-1)</b>		
Listed on the United States TSCA (Toxic Substances Control Act) inventory.		
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard	

### 15.2. International regulations

#### CANADA

<b>disodium metasilicate (6834-92-0)</b>		
Listed on the Canadian DSL (Domestic Substances List).		
<b>1-butoxy-2-propanol (5131-66-8)</b>		
Listed on the Canadian DSL (Domestic Substances List).		

#### EU-Regulations

No additional information available.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

#### 15.2.2. National regulations

### 15.3. US State regulations

This product can expose you to methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Prop 65 Comments : Methanol (CAS#67-56-1): < 600 ppm

## SECTION 16: Other information

Abbreviations Legend:

H227	Combustible liquid
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H401	Toxic to aquatic life

#### Disclaimer

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ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE 1-(808) 942-2500

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