

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : **Zani Clean Blue**  
Product code : 6646

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

Use of the substance/mixture : Paste Cleaner

#### 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

Eye Irrit. 2B H320

Full text of H statements : see section 16

#### 2.2. Label elements

##### GHS-US labeling

Signal word : Warning  
Hazard statements : Causes eye irritation.  
Precautionary statements : Wash hands thoroughly after handling.  
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.

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

No additional information available

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

6.89% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
6.89% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
6.89% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

### 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

Name	Product identifier	%	GHS-US classification
quartz	(CAS-No.) 14808-60-7	50 - 55	Carc. 1A, H350
sodium tallowate	(CAS-No.) 8052-48-0	5 - 10	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
sodium carbonate	(CAS-No.) 497-19-8	1 - 5	Eye Irrit. 2A, H319

(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).

# Zani Clean Blue

## Safety Data Sheet

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	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse immediately with plenty of water. 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	: Contact during a long period may cause slight irritation.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: FOLLOWING SYMPTOMS MAY APPEAR LATER: 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	: Extinguishing media for surrounding fires.
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.
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##### 6.1.1. For non-emergency personnel

Emergency procedures	: Evacuate unnecessary personnel.
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##### 6.1.2. For emergency responders

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

#### 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

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.
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#### 6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling	: Provide good ventilation in process area to prevent formation of vapor. Do not breathe fume, mist, or vapors. Do not get in eyes, on skin, or on clothing.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling. Wash contaminated clothing before reuse. 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

Incompatible products	: Oxidizing agent. Strong acids.
Storage area	: Store in a cool, dry well-ventilated area. Keep container tightly closed when not in use.

# Zani Clean Blue

## Safety Data Sheet

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

quartz (14808-60-7)		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 R
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.1 mg/m <sup>3</sup>

#### 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	: In case of insufficient ventilation, wear suitable respiratory equipment.
Other information	: Do not eat, drink or smoke during use.
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	: Blue
Odor	: Lemon
Odor threshold	: No data available
pH	: 10.5 - 11.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: > 200 °F
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
Specific Gravity @ 77° F	: No data available
Solubility	: Water: Complete
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	: < 1 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.

# Zani Clean Blue

## Safety Data Sheet

### 10.5. Incompatible materials

Strong acids. Oxidizing agent.

### 10.6. Hazardous decomposition products

Carbon monoxide. Carbon dioxide.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified

sodium carbonate (497-19-8)	
LD50 oral rat	2800 mg/kg (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit; Experimental value)
ATE US (oral)	2800 mg/kg body weight

Skin corrosion/irritation : Not classified

pH: 10.5 - 11.5

Serious eye damage/irritation : Causes eye irritation.

pH: 10.5 - 11.5

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Based on available data, the classification criteria are not met

Carcinogenicity : Not classified.

quartz (14808-60-7)	
Additional information	Only airborne particles of respirable size
IARC group	1 - Carcinogenic to humans

Reproductive toxicity : Not classified

Based on available data, the classification criteria are not met

Specific target organ toxicity – single exposure : Not classified

Specific target organ toxicity – repeated exposure : Not classified

Aspiration hazard : Not classified

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met

Symptoms/effects after skin contact : Contact during a long period may cause slight irritation.

Symptoms/effects after eye contact : Causes eye irritation.

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

## SECTION 12: Ecological information

### 12.1. Toxicity

sodium carbonate (497-19-8)	
LC50 fish 1	300 mg/l (96 h; Lepomis macrochirus)
EC50 Daphnia 1	< 424 mg/l (48 h; Daphnia magna)
EC50 other aquatic organisms 1	14 mg/l (168 h; Plankton)
LC50 fish 2	740 mg/l (96 h; Gambusia affinis)
EC50 Daphnia 2	265 mg/l (48 h; Daphnia magna)
TLM fish 1	300 ppm (96 h; Lepomis macrochirus)
TLM other aquatic organisms 1	500 ppm (96 h; Daphnia magna)
Threshold limit algae 1	242 mg/l (5 days; Algae)

### 12.2. Persistence and degradability

sodium carbonate (497-19-8)	
Persistence and degradability	Biodegradability: not applicable. Low potential for adsorption in soil.
ThOD	Not applicable (inorganic)

# Zani Clean Blue

## Safety Data Sheet

quartz (14808-60-7)	
Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable
BOD (% of ThOD)	Not applicable

### 12.3. Bioaccumulative potential

sodium carbonate (497-19-8)	
Log Pow	-6.19 (Estimated value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

quartz (14808-60-7)	
Log Pow	Not applicable
Bioaccumulative potential	No bioaccumulation data available.

### 12.4. Other adverse effects

Other information : Avoid release to the environment.

## 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

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.

sodium carbonate (497-19-8)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

quartz (14808-60-7)	
Listed on IARC (International Agency for Research on Cancer)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
SARA Section 311/312 Hazard Classes	Delayed (chronic) health hazard

sodium tallowate (8052-48-0)	
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

#### EU-Regulations

No additional information available

# Zani Clean Blue

## Safety Data Sheet

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

#### quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)

### 15.3. US State regulations

This product can expose you to quartz, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Prop 65 Comments : Quartz (CAS# 14808-60-7) is listed on Prop 65; however, there are no exposures to airborne particles of respirable size as detailed in Prop 65 since the component is in a solution.

#### quartz (14808-60-7)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
Yes	No	No	No	

## SECTION 16: Other information

Abbreviations Legend:

H315	Causes skin irritation
H319	Causes serious eye irritation
H320	Causes eye irritation
H350	May cause cancer

### Disclaimer

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

Revision date: 09/25/2018

Supersedes: 07/30/2014

Version: 1.1