

# Material Safety Data Sheet **DEBUBBLIZER KLEEN KAST**

## Section I - Product and Company Identification

<b>Product Name:</b>	<b>DEBUBBLIZER KLEEN KAST</b>	<b>MSDS#:</b> KID060204-DKK	
<b>Chemical Name:</b>	N/A	<b>MSDS Approval Date:</b>	06/02/2004
		<b>MSDS Prepared by:</b>	BSQ

**Family:** Silicone Surfactant

**Manufacturer:** KEYSTONE INDUSTRIES  
616 Hollywood Ave. Cherry Hill, NJ 08002

**Product Use:** Investments to eliminate bubblizing across wax patterns

**Emergency Phone Numbers:** ( 800 ) 535 - 5053

**Product#: 4020062**

**Information Contacts:** (856)-663-4700

## Section II - Composition/Information on Ingredients

Chemical Identity	CAS Numbers	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
No hazardous components							
N/E - None Established	N/DA - No Data Available						
N/R - Not Reviewed	N/A - Not Available						

**Hazard Symbols:** n/da

**Risk Phrases:** n/da

**Safety Phrases:** S24/25

## Section III - Hazards Identification

### EMERGENCY OVERVIEW

This information is based on findings from related or similar materials.

- This product is basically non-hazardous.
- May cause slight irritation to eyes or nasal/respiratory passages upon exposure.
- May cause gastrointestinal irritation if ingested.

### Potential Health Effects, Signs and Symptoms of Exposure:

**Primary Route of Entry:** Inhalation and skin

**Eye:** Exposure to the eyes is not expected to cause any significant injuries.

**Skin:** Exposure to product is not expected to cause skin irritation.

**Ingestion:** Can cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested. Aspiration of materials into the lungs can cause chemical pneumonitis, which can be fatal.

**Inhalation:** Mist can cause irritation of nasal and respiratory passages.

**Sub-Chronic Effects:** N/A

NOTE: Refer to Section 11, Toxicological Information for Details

## Section IV - First Aid Measures

<b>First Aid for Eye</b>	If symptoms develop move individual away from exposure and into fresh air. Flush eyes for 15 min. with clean water while holding eyelids apart. If symptoms persist, seek medical attention.
<b>First Aid for Skin</b>	First aid is not normally required, however, it is good practice for exposed areas to be washed with soap and water.
<b>First Aid for Inhalation</b>	Remove individual to fresh air.
<b>First Aid for Ingestion</b>	Do not induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs due to vomiting can cause chemical pneumonitis, which can be fatal.

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## Section V - Fire Fighting Measures

Flash Point (°F/°C)	Flammable Limit (vol%)	Auto-ignition Temperature (vol%)
>300°F/149°C Setaflash	No Data	No Data

**Method:**

Extinguishing Media: Use regular foam or carbon dioxide or dry chemical.

Fire Fighting Instructions: Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

Unusual Hazards: Water or foam can cause frothing which can be violent and possibly endanger the life of firefighters. Water may be used to keep fire-exposed containers cool until fire is out.

## Section VI - Accidental Release Measures

Spill or Release Procedures

Small spills: Absorb liquid with vermiculite or other spill absorbent material.

Large spills: Persons not wearing protective equipment should be evacuated from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank, remaining liquid may be absorbed by sand, clay, earth, floor absorbent, or other absorbent material and shoveled into containers.

Prevent run off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required.

## Section VII - Handling and Storage

Handling: Observe precautions found on the label. Wash face and hands thoroughly with soap and water if handling excess amounts of product and before eating, drinking or smoking. Follow general good industry standards.

Storage: Store in a cool, well-ventilated area. Keep containers closed when not in use.

Explosion Hazard: N/A

## Section VIII - Exposure Controls / Personal Protective Equipment

Engineering Controls: Provide sufficient ventilation to maintain exposure below 5 mg/m3.

**Personal Protective Equipment**

**General:** Wash hands and face after using. Good Industrial Hygiene should be followed.

Eye/ Face Protection: Chemical splash goggles in compliance with OSHA regulation are advised.

Skin Protection: Wear resistant gloves such as Neoprene.

Respiratory Protection: If work place exposure limits of product exceeds recommendation, use NIOSH approved respirators.

## Section IX - Physical and Chemical Properties

Appearance	Odor & Odor Threshold	pH	Specific Gravity	Viscosity	% Volatile		
Colorless to milky liquid	No odor	NA	(H2O=1) : 0.99	N/DA	N/DA		
Boiling Point/ Freezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient Log Po/w	Vapor Pressure:	Vapor Density	Evaporation Rate	Ignition	Solubility In Water (20°C)

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300°F	N/DA	N/DA	(mm Hg)@ 20°C: <5	(Air=1): 1	Slow	N/DA	Insoluble
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<b>Flash Point</b> (°F/°C)	<b>Flammable Limit</b> (vol%)	<b>Auto-ignition Temperature</b> (vol%)
>300°F/149°C Setflash	No Data	No Data

## Section X - Stability and Reactivity

<b>Stability</b> Normally Stable <b>Hazardous Decomposition Products:</b> Fumes produced when heated to decomposition may include: carbon monoxide, carbon dioxide, and silicone. <b>Conditions to Avoid:</b> N/A	<b>Incompatibility (Materials to Avoid):</b> Soap or anionic materials <b>Hazardous Polymerization:</b> Will not occur
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## Section XI - Toxicological Information

<b>Acute Oral Toxicity</b> N/DA	<b>Acute Dermal Toxicity</b> N/DA	<b>Acute Inhalation Toxicity</b> N/DA	<b>Irritation - skin</b> N/DA	<b>Irritation - Eye</b> N/DA
<b>Sensitization</b> N/DA	<b>Mutagenicity</b> N/DA		<b>Sub-chronic Toxicity</b> N/DA	

## Section XII - Ecological Information

### Ecotoxicological Information

<b>Acute Toxicity to Fish</b> N/DA	<b>Acute Toxicity to Invertebrates</b> N/DA	<b>Acute Toxicity to Algae</b> N/DA	<b>Bioconcentration</b> N/DA	<b>Toxicity to Sewage Bacteria</b> N/DA
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### Chemical Fate Information

<b>Biodegradability</b>	N/DA
<b>Chemical Oxygen Demand</b>	N/DA

## Section XIII - Disposable Considerations

Non-contaminated, properly inhibited product is not a RCRA hazardous waste. It is the generators responsibility to determine what is classified as a hazardous waste. Comply with all federal, state, and local regulations.  
 Material may be incinerated or use biological treatment in accordance with federal, state, and local regulations.

## Section XIV - Transport Information

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name:	Non-Regulated Material
Identification Number:	N/A
Marine Pollutant:	No
Special Provisions:	None
<b>Emergency Response Guidebook (ERG) #:</b>	<b>N/A</b>
<b>IATA (DGR):</b>	
Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Packaging Instructions:	None
<b>Emergency Response Guidance (ICAO)#:</b>	<b>N/A</b>
<b>IMO (IMDG):</b>	

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Proper Shipping Name:	Non-Regulated Material
Class or Division:	N/A
UN or ID Number:	N/A
Special Provisions & Stowage/Segregation:	None
Emergency Schedule (EmS)#:	N/A
Other Information:	Flash point >149°C

## Section XV - Regulatory Information

### US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> <li>NONE</li> </ul> This product does not contain any Class1 or Class 2 ODS.
Clean Water Act: Priority Pollutant/Hazardous Substance	The following ingredients are listed as hazardous pollutants under the CWA: <ul style="list-style-type: none"> <li>NONE</li> </ul> None of the ingredients are listed as primary pollutants nor are they listed as toxic pollutants.
FDA: Food Packaging Status	This product has not been cleared by the FDA for use in food packaging and / or other applications as an indirect food additive.
Occupational Safety and Health Act	This product is not considered to be a hazardous chemical under the OSHA Hazard Communication Standard.
RCRA	This product is not considered to be a hazardous waste under RCRA (40 CFR 261).
SARA Title III: Section 302	This product contains the following chemicals which are regulated under Section 302 as extremely hazardous substances: <ul style="list-style-type: none"> <li>NONE</li> </ul>
SARA Title III: Section 304	This product contains chemicals regulated under Section 304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): <ul style="list-style-type: none"> <li>NONE</li> </ul>
SARA Title III: Section 311-312:	This product is not considered hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370).
SARA Title III: Section 313:	This product contains no chemicals 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.
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.

### State Regulations

CA Right-to-Know Law:	NONE
MA Right-to-Know Law:	NONE
NJ Right-to-Know Law:	NONE
PA Right-to-Know Law:	NONE
FL Right-to-Know Law:	NONE
MN Right-to-Know Law:	NONE

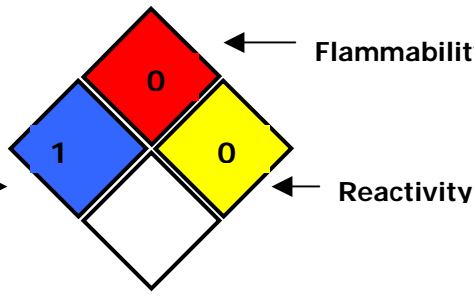
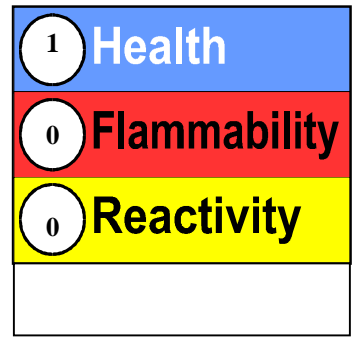
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### International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	DI Water CAS# 7732-18-5 is on the DSL list. WHMIS = n/da
EINECS: European Inventory:	<b>Debubblizer Kleen Kast:</b> <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: n/da</li> <li>RISK PHRASES: n/da</li> <li>SAFETY PHRASES: <b>S24/25</b>: <i>avoid contact with skin and eyes</i></li> </ul>

## Section XVI - Other Information

### Hazard Rating System (Pictograms)

NFPA:	 <p>Health → 1      ← Flammability 0</p> <p>→ Reactivity 0</p>	HMIS:	 <p>1 Health</p> <p>0 Flammability</p> <p>0 Reactivity</p>
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Approval Date: 06/02/2004

Supersedes Date:

<b>Product Number - 4020062</b>	
Revised Sections since Last Version:	None

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