

Safety Data Sheet:**KSS CLEAN HANDS DGS**

198650

Version 1.0030
Revision Date 07/26/2016
Print Date 01/23/2017**Section 1. Chemical product and company identification****Product Name:** KSS CLEAN HANDS DGS**Product use:** Hand cleaner**Contact Information:** KSS ENTERPRISE
5053 SPORTS DRIVE
KALAMAZOO, MI

269.349.6637

Emergency Phone: INFOTRAC
800.535.5053 USA & Canada
352.323.3500 International

49009

Section 2. Hazards identification**GHS Classification:**

Eye damage/irritation(Category 2B)

Pictogram(s):**Signal Word:** WARNING**Hazard Statements:**

H320 Causes eye irritation

Precautionary Statement(s):

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing

Section 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>% Less Than</u>
Vegetable Oil	8001-22-7	11.0000
Potassium Hydroxide	1310-58-3	0.5000
Solvent	64742-47-8	9.0000
1,2 Propanediol	57-55-6	2.0000
Lanolin	8006-54-0	0.1000
Acrylic Polymer	9003-01-4	0.4000
Lemon Yellow 316	N/E	0.0200
#328 Sunflower Yellow Dye	N/E	0.0200
Acid Blue #9	N/E	0.0200
Glycerine	56-81-5	0.1000
Scrubber	1332-09-8	5.0000
SURFACTANT	61791-10-4	0.3000

The chemical identity of some or all components is confidential business information (trade secret) and is being withheld as permitted by 29CFR19191200 (i). No other ingredients known to be hazardous.

Section 4. First aid measures

- Eye contact:** Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
- Skin contact:** Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
- Inhalation:** Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
- Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
- General:** Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

Section 5. Fire-fighting measures

- Flammability:** In a fire or if heated, a pressure increase will occur and the container may burst.
- Extinguishing Media:** Use an extinguishing agent suitable for the surrounding fire.
- Protective Equipment:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
- Additional Information:** Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

Section 6. Accidental release measures

- Personal Precautions:** No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breath vapors. Provide adequate ventilation. Wear proper personal protective equipment.
- Environmental:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
- Containment/Cleanup:** Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.

Section 7. Handling and storage

- Safe Handling:** Wear appropriate personal protective equipment (see Section 8). Eating drinking and smoking should be prohibited. Do not get into eyes or on skin. Do not ingest. Keep containers tightly closed. Do not reuse container.
- Safe Storage:** Store in accordance with local regulations. Store in original container away from foods, drink and incompatible materials. Keep container tightly closed. Do not store unlabeled. Use appropriate containment.

Section 8. Exposure controls/personal protection

- Engineering Controls:** Apply technical measures to comply with occupational exposure limits. Mechanical ventilation, eyewash stations, showers where necessary.
- Eye Protection:** Safety eyewear/face shield complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.
- Respiratory Protection:** Use a properly fitted air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates necessity. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product & the safe working limits of the chosen respirator.
- Hand Protection:** Chemical resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Skin Protection:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

COMPONENT	ACGIH TWA ppm	OSHA/NIOSH STEL ppm	OSHA/ACGIH STEL mg/m3
Solvent 1,2 Propanediol	152		10

Section 9. Physical and chemical properties

Physical State:	Emulsion with grit
Color:	Green
Odor:	Almond
Odor Threshold:	N/E
pH:	7.0-7.5
Melting Point:	25` F
Freezing Point:	25` F
Boiling Point:	N/E
Flash Point:	Nonflammable
Evaporation Rate:	N/E
Flammability:	Nonflammable
Upper Explosive Limits:	N/A
Lower Explosive Limits:	N/A
Vapor Pressure:	N/E
Vapor Density:	N/E
Relative Density:	N/E
Solubility:	Complete
Partition coefficient:	N/E
Auto-Ignition Temperature:	N/E
Decomposition Temperature:	N/E
Specific Gravity:	0.992
% Volatile:	8.0%

Section 10. Stability and reactivity

Reactivity: Stable under normal conditions

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: None known

Conditions to avoid: None Known

Incompatible materials: Strong acids and oxidizers.

Hazardous Decomposition Products: Material does not decompose at ambient temperatures.

Section 11. Toxicological information

Routes of entry: ___ Inhalation X Absorption X Ingestion

Acute Exposure Hazards:

Eye contact: Irritation, grit may scratch lens, cornea.

Dermal: None expected

Oral: Nausea, diarrhea

Inhalation: Not expected based on state of material.

COMPONENT	Result	Species	Dose	Exposure
Solvent	LD50 INGESTION		15,000 mg/kg	
1,2 Propanediol	LD50 ORAL	Rabbit	20,000 mg/kg	
Surfactant	LD50 ORAL	Rat	1378 mg/kg	
	LC50	Trout	2.4 mg/l	96 hours

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Section 12. Ecological information

Ecotoxicity: No data available.
Persistence & degradability: No data available.
Bioaccumulative potential: No data available.
Mobility in soil: No data available.
Other adverse effects: No data available.

Component	Result	Species	Dose	Exposure
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Section 13. Disposal considerations

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of this product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. Transport information

DOT (US)
UN Number: N/A
Shipping Name:
Technical Name:
Hazard Class:
Packaging Group: N/A

Section 15. Regulatory information

SARA 313 Components	CAS No.	% Less Than
Acrylic Polymer	9003-01-4	0.4000

California Prop. 65 Components	CAS No.	% Less Than
¹ Acrylic Polymer	9003-01-4	0.4000
² Preservative	N/E	0.6000

CA Prop. 65 Sub-Components

Sub-component	% Less Than	CAS No.
¹ Benzene	0.1-0.5%	71-43-2
² Formaldehyde	2%	50-00-0

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Section 16. Other information

Hazardous Material Information System (U.S.A.)

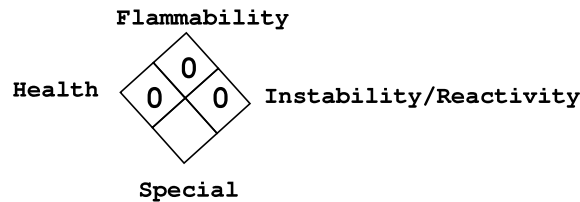
Health Hazard	0
Fire Hazard	0
Reactivity	0
Personal Protection	A

PERSONAL PROTECTION INDEX

A	Safety Glasses
B	Safety Glasses, Gloves
C	Safety Glasses, Gloves, Apron
D	Face Shield, Gloves, Apron
E	Safety Glasses, Gloves, Dust Respirator
F	Safety Glasses, Gloves, Apron, Dust Respirator
G	Safety Glasses, Gloves, Vapor Respirator
H	Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
I	Safety Glasses, Gloves, Dust & Vapor Respirator
J	Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
K	Airline Hood or Mask, Gloves, Full Suit, Boots
X	Consult your supervisor for special handling directions

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

National Fire Protection Association (U.S.A.)



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals.

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In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any product for its own particular purpose. All materials may represent unknown hazards and should be used with caution.