

Safety Data Sheet: KLEEN SLATE

Supersedes Date 09/24/2012

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name KLEEN SLATE
Recommended use Graffiti remover
Information on Manufacturer
Partsmaster, Div of NCH Corp.
P.O. Box 655326
Dallas, TX 75265-5326

Product Code 60085000
Chemical nature No information available
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
800-336-0450

2. HAZARD IDENTIFICATION

Color Cream

Physical State Liquid

Odor Slightly

GHS

Classification

Physical Hazards

None

Health Hazard

Aspiration Toxicity

Category 1

Skin Sensitization

Category 1

Carcinogenicity

Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H317 - May cause an allergic skin reaction

H304 - May be fatal if swallowed and enters airways

H351 - Suspected of causing cancer

Precautionary Statements

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P261 - Avoid breathing mist.

P281 - Use personal protective equipment as required

P280 - Wear protective gloves, protective clothing and eye protection.

P272 - Contaminated work clothing should not be allowed out of the workplace

P363 - Wash contaminated clothing before reuse

P308 + P313 - IF exposed or concerned, get medical attention

P321 - Specific treatment (see supplemental first aid instructions on this label)

P301+ P310 - IF SWALLOWED: Immediately call a physician

P331 - DO NOT induce vomiting

P302+ P352 - IF ON SKIN: Wash with plenty of soap and water

P333 + P313 - If skin irritation or rash occurs, get medical attention

P405 - Store locked up

P501 - Dispose of contents and container in accordance with applicable regulations.

9 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Fatty acids, C16-18 and C18-unsaturated, methyl esters	67762-38-3	60-100
Dimethyl succinate	106-65-0	10-30
Dimethyl glutarate	1119-40-0	7-13
Cocamide DEA	68603-42-9	7-13
Dimethyl adipate	627-93-0	7-13
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	128-37-0	.1-.9

Crystalline Silica (Quartz)

14808-60-7

.05

4. FIRST AID MEASURES

General advice	Do not get in eyes. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist, or gas.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wash contaminated clothing before re-use. Get medical attention if irritation develops and persists. Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes.
Inhalation	If inhaled, remove to fresh air. Get medical attention if symptoms occur. Call a physician or poison control center immediately.
Ingestion	Do NOT induce vomiting. Drink 1 or 2 glasses of water. Get medical attention if symptoms occur. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point	> 201 °F / > 94 °C	Method	Estimated
Upper No data available			Lower No data available
Suitable Extinguishing Media	Dry chemical. Carbon dioxide (CO2). Water spray.		
Specific hazards arising from the chemical	Material can create slippery conditions. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode.		
Protective Equipment and Precautions for Firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.		
NFPA	Health 1	Flammability 1	Instability 0
HMIS	Health 1	Flammability 1	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions. Remove all sources of ignition. Ensure adequate ventilation.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from heat and sources of ignition. Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.			
Storage	Keep away from open flames, hot surfaces and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	-5 °F / -21 °C	Maximum	125 °F / 52 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	TWA: 2 mg/m ³	No data available	TWA: 10 mg/m ³
Crystalline Silica (Quartz)	: 0.025 mg/m ³ TWA (respirable fraction)	No data available	50 mg/m ³ respirable dust TWA: 0.05 mg/m ³

Engineering Measures	Ensure adequate ventilation. Ensure adequate ventilation, especially in confined areas.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.
Skin Protection	Wear suitable protective clothing, Impervious gloves.
Respiratory Protection	In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

When using, do not eat, drink, or smoke. Wash hands before breaks and immediately after handling the product. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Viscous
Color	Cream	Odor	Slightly
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	9	Specific Gravity	.968
Evaporation Rate	No information available	Percent Volatile (Volume)	No information available
VOC Content (%)	4.41	Vapor Pressure	No information available
Vapor Density	No information available	Solubility	Slightly soluble
n-Octanol/Water Partition	No data available	Melting Point/Range	30 °F / -1 °C
Decomposition Temperature	No data available	Boiling Point/Range	> 600 °F / 316 °C
Flammability (solid, gas)	No data available	Method	Estimated
Flash Point	> 201 °F / > 94 °C		
Autoignition Temperature	No information available.		
Upper No data available Lower	No data available		

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Heat, flames, and sparks
Incompatible Products	Strong oxidizing agents
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION**Product Information**

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.

Primary Routes of Entry None known

Acute Effects

Eyes May cause slight irritation.

Skin Mild skin irritation.

Inhalation Not hazardous by inhalation. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Inhalation may cause central nervous system effects.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration hazard if swallowed - can enter lungs and cause damage. May be fatal if swallowed and enters airways.

Chronic Toxicity

None known.

Target Organ Effects

None known. There is no primary route of entry into the body. The primary routes of exposure are skin and eye contact.

Aggravated Medical Conditions

None known

Component Information**Acute Toxicity**

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Fatty acids, C16-18 and C18-unsaturated, methyl esters	> 2000 mg/kg (Rat)	no data available	no data available	no data available	no data available
Dimethyl succinate	> 5000 mg/kg (Rat)	> 5 g/kg (Rabbit)	no data available	no data available	no data available
Dimethyl glutarate	= 8191 mg/kg (Rat)	no data available	> 5.6 mg/L (Rat) 4 h	no data available	no data available
Dimethyl adipate	= 1920 mg/kg (Rat)	no data available	no data available	no data available	no data available
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	= 890 mg/kg (Rat)	no data available	no data available	no data available	no data available
Crystalline Silica (Quartz)	= 500 mg/kg (Rat)	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	no data available	skin sensitization	no data available	no data available	eyes,skin,immune system
Crystalline Silica (Quartz)	no data available	no data available	no data available	no data available	eyes, respiratory system (in animals: lung cancer),

kidneys

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Cocamide DEA	not applicable	Group 2B	not applicable	not applicable	not applicable
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	not applicable	Group 3	not applicable	not applicable	not applicable
Crystalline Silica (Quartz)	A2	Group 1	Known	X	not applicable

12. ECOLOGICAL INFORMATION**Product Information**

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Fatty acids, C16-18 and C18-unsaturated, methyl esters	no data available	LC50 = 5500 mg/L <i>Leuciscus idus</i> 48 h	no data available	no data available	N/A
Dimethyl succinate	no data available	LC50 50 - 100 mg/L <i>Brachydanio rerio</i> 96 h	no data available	no data available	0.19
Dimethyl glutarate	no data available	LC50 19.6 - 26.2 mg/L <i>Pimephales promelas</i> 96 h	no data available	EC50 122.1 - 163.5 mg/L <i>Daphnia magna</i> 48 h	N/A
Cocamide DEA	no data available	LC50 = 3.6 mg/L <i>Brachydanio rerio</i> 96 h	EC50 = 6000 mg/L 16 h	EC50 4.2 mg/L <i>Daphnia magna</i> 24 h	N/A
2,6-Bis(1,1-dimethylethyl)-4-methyl phenol	EC50 = 6 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h EC50 > 0.42 mg/L <i>Desmodesmus subspicatus</i> 72 h	LC50 = 5 mg/L <i>Oryzias latipes</i> 48 h	EC50 = 7.82 mg/L 5 min EC50 = 8.57 mg/L 15 min EC50 = 8.98 mg/L 30 min	no data available	4.17

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS**Product Disposal**

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal

14. TRANSPORT INFORMATION

DOT	Not regulated
TDG	Not regulated
ICAO	Not regulated
IATA	Not regulated
IMDG/IMO	Not regulated

15. REGULATORY INFORMATION**Inventories****TSCA**

Complies

DSL

Complies

U.S. Federal Regulations**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.

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	No Yes	Yes	No	No

CERCLA

U.S. State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals

Component	CAS-No	California Prop. 65
Crystalline Silica (Quartz)	14808-60-7	carcinogen

16. OTHER INFORMATION

Prepared By Christopher Drogin
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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