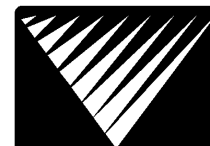


Vanberg Specialized Coatings

Safety Data Sheet



Deep Kleen

SECTION 1 – IDENTIFICATION

This SDS Complies With 29 CFR 1910.1200 (The Hazard Communication Standard)

PRODUCT NAME: Deep Kleen
IDENTIFICATION NUMBER: VPC-49-1
PRODUCT FORM: LIQUID
SUPPLIER/MANUFACTURER: VANBERG SPECIALIZED COATINGS
10705 COTTONWOOD ST
LENEXA, KS 66215-2032

EMERGENCY RESPONSE: 1-800-255-3924
PREPARER: VSC
PHONE: 913-599-5939
PREPARE DATE: AUGUST 27, 15

SECTION 2 – HAZARDS IDENTIFICATION

Classification

Serious Eye Damage/Eye Irritation

Category 2A

Skin corrosion/irritation

Category 3

Pictogram



Signal Word

Warning

Hazard Statements

Causes skin irritation

Causes serious eye irritation

Precautionary Statements - Prevention

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

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs

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IF ON SKIN: Wash with plenty of soap and water.

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

Take off contaminated clothing and wash before reuse

Precautionary Statements - Disposal

Dispose of contents/container in accordance with local, State and Federal regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Chemical Name	CAS #	WT/WT %
Cocoamide DEA	68603-42-9	1-5
Diethanolamine	111-42-2	0.1-1
Alkanolamide blend	Confidential	1-5

Any concentration shown as a range is to protect confidentiality or is due to process variation.

SECTION 4 – FIRST AID MEASURES

First Aid Measures

Inhalation

Move to fresh air. If symptoms persist, call a physician.

Eye Contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

Ingestion

Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact

Wash with plenty of water. If skin irritation persists, call a physician.

Most Important Symptoms and Effects, both Acute and Delayed Symptoms

May cause eye irritation with stinging, tearing, redness, swelling and blurred vision. May cause skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians

Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Not determined.

Specific Hazards Arising from the Chemical

No data available.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, NIOSH (approved or equivalent) and full protective gear.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up

Keep in suitable, closed containers for disposal.

SECTION 7 – HANDLING & STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

Strong acids.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	CAS #	ACGIH TLV	OSHA PEL	NOISH
Cocoamide DEA	68603-42-9	No data available	No data available	No data available
Diethanolamine	111-42-2	1 mg/m ³	No data available	1 mg/m ³
Alkanolamide blend	Confidential	No data available	No data available	No data available

Appropriate Engineering Controls

Engineering Controls

Provide adequate ventilation. Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection

Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid
Color	Amber
Property	Values
pH	8.0-8.5
Melting Point/Freezing Point	0 °C Water
Boiling Point/Boiling Range	100 °C Water
Flash Point	Not Flammable
Evaporation Rate	< 1 Water
Flammability (Solid,Gas)	n/a-liquid
Upper Flammable Limits	Not Determined
Lower Flammable Limits	Not Determined
Vapor Pressure	Not Determined
Vapor Density	< 1 Water
Specific Gravity	1.035
Water Solubility	Soluble in Water
Solubility in Other Solvents	Not Determined
Partition Coefficient	Not Determined
Autoignition Temperature	Not Determined
Decomposition Temperature	Not Determined
Kinematic Viscosity	Not Determined
Dynamic Viscosity	Not Determined
Explosive Properties	Not an Explosive
Oxidizing Properties	Not Determined
Odor	Not Determined
Odor Threshold	Not Determined

SECTION 10 – STABILITY & REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Strong acids.

Hazardous Decomposition Products

None known based on information supplied.

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation

Minimal adverse effects due to inhalation are expected.

Eye Contact

Causes serious eye irritation.

Skin Contact

Causes skin irritation.

Ingestion

Expected to be a low ingestion hazard.

This product as a whole has not been tested for acute toxicity; the following is based on component data:

Chemical Name	CAS #	Oral LD50	Dermal LD50	Inhalation LC50
Cocoamide DEA	68603-42-9	>5 g/kg (rat)	>2 g/kg (rabbit)	No data available
Diethanolamine	111-42-2	710 mg/kg (rat)	12,200 mg/kg (rabbit)	No data available
Alkanolamide blend	Confidential	No data available	No data available	No data available

Information on Physical, Chemical and Toxicological Effects

Symptoms

Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity

Suspected of causing cancer.

Numerical Measures of Toxicity

Not determined.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity

There is no data available for this product as a whole.

Components

Chemical Name	CAS #	Algae/aquatic plants	Fish	Aquatic invertebrates	Crustacea
Cocoamide DEA	68603-42-9	<10 mg/l, 72 h	<10 mg/l, 96 h	<10 mg/l, 48 h	No data available
Diethanolamine	111-42-2		1,460 mg/l 96 h	55 mg/l 48 h	No data available
Alkanolamide blend	Confidential	No data available	No data available	No data available	No data available

Persistence and Degradability

Readily biodegradable

Bioaccumulation

No data available.

Mobility

No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Disposal Method

Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State. Avoid discharge to sewers or waterways.

SECTION 14 – TRANSPORTATION INFORMATION

DOT Proper Shipping Description:

Not Regulated as a dangerous goods.

SECTION 15 – REGULATORY INFORMATION

SARA Title III Section 311/312 (40CFR370)

Acute Hazard, Chronic hazard

SARA Title III Section 313 (40CFR372)

One reportable component.

Chemical Name	CAS #	Weight %	SARA 313-Threshold Values %
Diethanolamine	111-42-2	0.5-1	0.1

RCRA Status (40CFR261.33)

No reportable components.

TSCA Inventory Status

Reported/included

OSHA/NTP/IARC Carcinogen Status

Suspected

Canadian DSL Status

Reported/included

Chemicals Known to the State of California to Cause Cancer or Reproductive Toxicity:

This material contains a chemical currently listed as carcinogenic or reproductive toxin.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diethanolamine	X	X	X

SECTION 16 – OTHER INFORMATION

HMIS ratings:

Health	2
Flammability	0
Reactivity	0

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

END OF SDS