

Issue Date 05/28/2019

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Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name DUST DOWN

Other means of identification

Product Code 1735

Recommended use of the chemical and restrictions on use

Recommended use Road Treatment

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Company Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312

Emergency telephone number

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION

Classification

Acute Toxicity Oral

Category 4

Label elements

Emergency Overview

WARNING

Hazard statements

Harmful if swallowed.



Appearance: Clear to Opaque Liquid

Physical state: Liquid

Odor: Odorless



Precautionary Statements - Prevention

Wash thoroughly after handling. Do not eat, drink, or smoke when using this product.

Precautionary Statements - Response

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth.

Precautionary Statements - Storage

Store in a cool, dry area. Keep container tightly closed when not in use. Keep out of reach of children.

Precautionary Statements - Disposal

Dispose of contents in accordance with local, state, and federal regulations.

Hazards not otherwise classified (HNOC)

N/A

Unknown Acute Toxicity

0 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
Silicic Acid, Sodium Salt	1344-09-8	30-40%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**First aid measures****Skin Contact**

Wash thoroughly with soap and water. Seek medical attention if irritation develops.

Eye Contact

Rinse with water for 15 minutes while holding eyelids open. Seek medical attention if irritation develops and persists

Inhalation

Move to fresh air. If breathing difficulty persists, seek medical attention.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS:

Do not swallow. May be harmful if swallowed.

CHRONIC HEALTH HAZARDS:

None known

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: Water spray/stream.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Explosion data

UNUSUAL FIRE AND EXPLOSION HAZARDS: Non-flammable liquid.

HAZARDOUS COMBUSTION PRODUCTS

None Known

Protective equipment and precautions for firefighters

Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Refer to section 8 for proper Personal Protective Equipment.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Clean up using cloth or absorbent material. Dispose of product-containing wiping cloth or absorbent paper in suitable manner. Place waste in proper containers for waste disposal.

Waste Disposal

Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA Status

Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on safe handling**

Store in a cool, dry area. Keep container tightly closed when not in use. Keep out of reach of children

Conditions for safe storage, including any incompatibilities**Other precautions**

Keep out of the reach of children. Follow label directions exactly. Avoid contact with eyes.

Incompatible materials

Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

CHEMICAL NAME	ACGIH TLV	OSHA PEL
Silicic Acid, Sodium Salt	Not Established	Not Established

Appropriate engineering controls**Engineering Controls**

Ambient ventilation adequate.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Safety glasses should be worn during use.

Respiratory protection

Not required with adequate ventilation

9. PHYSICAL AND CHEMICAL PROPERTIESInformation on basic physical and chemical properties

PHYSICAL STATE	Liquid
APPEARANCE	Clear to Opaque Liquid
COLOR	Clear to Opaque
ODOR	Odorless
ODOR THRESHOLD	N/D

PropertyValues

pH	N/D
MELTING POINT/FREEZING POINT	30°F
INITIAL BOILING POINT AND BOILING RANGE	Approx. 212°F (100°C)
FLASH POINT	N/D
EVAPORATION RATE	N/D
FLAMMABILITY(solid/gas)	Not considered a flammable liquid by OSHA (29CFR 1910.1200)
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	
LOWER FLAMMABILITY LIMIT	N/D
UPPER FLAMMABILITY LIMIT	N/D
EXPLOSIVE LIMIT LOWER (%)	N/D
EXPLOSIVE LIMIT UPPER (%)	N/D
VAPOR PRESSURE (mm Hg)	0.00001 @ 77°F (25°C)
VAPOR DENSITY (AIR=1)	N/D
SPECIFIC GRAVITY (H2O=1)	1.33-1.35
SOLUBILITY(IES)	Miscible
PARTITION COEFFICIENT	n-OCTANOL/WATER (KOW): N/D
AUTOIGNITION TEMPERATURE	N/D
DECOMPOSITION TEMPERATURE	N/D
VISCOSITY	N/D

10.STABILITY AND REACTIVITYReactivity

None Known.

Chemical stability

Stable under normal conditions.

Possibility of Hazardous Reactions

None Known.

Conditions to avoid

Avoid incompatibles.

Incompatible materials

Strong oxidizing agents.

Hazardous Decomposition Products

None Known.

11.TOXICOLOGICAL INFORMATIONInformation on likely routes of exposure**Product Information**

Inhalation	None. Exposure not likely.
Eye contact	Causes irritation on contact.

Skin Contact None

Ingestion Harmful if swallowed.

CHEMICAL NAME	CAS NO.	ORAL LD50
Silicic Acid, Sodium Salt	1344-09-8	1.1 g/kg

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute Health Hazards Do not swallow. May be harmful if swallowed.

Chronic Health Hazards None known

Carcinogenicity OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Silicic Acid, Sodium Salt (1344-09-8) LC50 (Gambusia affinis, 96hr) 1800 mg/l; EC50 (Ceriodaphnia dubia, 48hr) 0.28 - 0.57 mg/l

Persistence and degradability

N/D

Bioaccumulation

N/D

Mobility in Soil

N/D

Other adverse effects

None Known

13. DISPOSAL CONSIDERATIONS**Waste treatment methods**

Disposal of wastes Dispose of contents in accordance with federal, state, and local regulations. Do not dump in sewers.

RCRA Status Not listed as hazardous waste under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

<u>DOT</u>		<u>AIR SHIPMENT</u>	
UN/ID No.	N/A	UN/ID No.	N/A
Proper shipping name	Liquid, Non-hazardous	Proper shipping name	Liquid, Non-hazardous
Hazard Class	None	Hazard Class	None
Packing Group	None	Packing Group	None

SHIPPING BY WATER

UN/ID No.	N/A
Proper shipping name	Liquid, Non-hazardous
Hazard Class	None
Packing Group	None
ENVIRONMENTAL HAZARDS WATER:	IMDG Regulated Marine Pollutant

15. REGULATORY INFORMATION**International Inventories**

TSCA All Chemicals are listed or exempt.

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations**SARA 313**

None

SARA 311/312 Hazard Categories

None

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

None

16. OTHER INFORMATION

NFPA	Health hazards	2	Flammability	0	Reactivity	0	Other	None
HMIS	Health hazards	2	Flammability	0	Reactivity	0	Personal protection	A

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Preparation By

N/A = Not Applicable; N/D = Not Determined

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet