

SAFETY DATA SHEET

SECTION 1: Product and Company Identification

Product Name: FLOR-CLEAN[™] CR
Product Use: Concrete cleaner & restorer
Effective Date: February 20th, 2018
Replaces: February 20th, 2016

Manufacturer Information: Diamatic USA
5220 Gaines Street
San Diego, CA 92110
Telephone Number: 1-800-526-3440

USA Emergency Phone Number: INFOTRAC (24 HR / 7 DAYS): 1-800-535-5053
Outside the United States: Call Collect 1-352-323-3500
For Medical Emergency: Call 1-800-535-5053

SECTION 2: Hazard Identification

GHS Pictograms:

GHS Signal Word: WARNING



This product is alkaline. Avoid contact with eyes and skin. Keep out of reach of children.
The product may be harmful if it is inhaled or swallowed.

POTENTIAL HEALTH EFFECTS:

CODE OF HAZARD STATEMENTS:

Physical hazards

None.

Health Hazards

H303-may be harmful if swallowed. H312-Harmful in contact with skin. H319-Causes serious eye irritation.
H333-May be harmful if inhaled.

Environmental hazards

None.

CODE OF PRECAUTIONARY STATEMENTS:

General

P101-Keep out of reach of children. P103-Read label before use.

Prevention statements

P202-Do not handle until all safety precautions have been read and understood. P262-Do not get in eyes, on skin or on clothing.

P264-Wash thoroughly after handling using this product.

P280-Wear protective gloves/protective clothing/eye protection/face protection. P284-Wear respiratory protection.

Response statements

P312-Call a POISON CENTER or doctor/physician if you feel unwell. P331-DO NOT induce vomiting.

P340, Remove victim to fresh air and keep at rest in a position comfortable for breathing. P352, Wash with plenty of soap and water.

P362, Take off contaminated clothing and wash before reuse.

Storage

P403-Store in well-ventilated place. P404-Store in a closed container.

P412-Do not expose to temperatures exceeding 60 °C (140 °F)

ROUTES OF ENTRY: Eye contact, skin adsorption, ingestion and inhalation.

CARCINOGENICITY: None know at this time.

SECTION 3: Ingredients and Hazard Identification

Components				
Component	CAS#	EINECS #	% BY WEIGHT	REACH REG#
Sufactant	Proprietary		1-4%	
Amorphous Silicate	7631-86-9	231-545-4	10-20%	Yes
Water	7732-18-5	231-791-2	Balance	No

SECTION 4: First Aid Measures

Eye Contact: Flush eyes with water immediately while holding eyelids open. Remove contacts, if worn, after initial flushing and continue flushing for at least 15 minutes. Seek medical attention if irritation persists.

Skin Contact: Use soap and water to remove from the skin, remove contaminated clothing, clean thoroughly before reuse.

Inhalation: Move to fresh air. If not breathing, give rescue breathing. If breathing is difficult, give oxygen. Seek medical attention if breathing is still difficult.

Ingestion: If swallowed, get medical attention immediately. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person.

SECTION 5: Fire Fighting Measures

Flash Point: Not flammable **Flammability Limits:** NE

Fire Fighting Media: Dry chemical, carbon dioxide, and water spray.

Special Fire Fighting Procedures: First responders need to wear full-bunker gear with SCBA, never enter a confined space unless fully protected with proper personal protective equipment (PPE). Material is alkaline and may cause the floor to be slippery.

SECTION 6: Accidental Release Measures

Clean-up Procedures: Material is alkaline wear proper PPE. Stop the source of the release if you are not put at risk.

Use absorbent material (such as sand or kitty litter) to absorb the spill, use plastic shovel to pick up absorbent for disposal.

Spills and Leaks: Dispose in accordance to local, state or federal regulations.

SECTION 7: Handling and Storage

Handling: Do not get into eyes. Do not taste or swallow. Wash thoroughly after handling.

Storage: Store in original labeled container. Keep in cool and dry areas. Do not exceed 60 °C (140 °F).

SECTION 8: Exposure Control/Personal Protection

Introductory Remarks: Consider the potential hazards of this product outlined in section 3. Use process exposures such as local exhaust ventilation, to control over exposure to airborne levels above recommended exposure limits.

Personal Protection:

Eyes: Wear safety goggles or safety glasses to prevent eye contact.

Body: Long sleeve shirts, long pants, socks, rubber boots and chemical resistant gloves.

Hands: Chemical resistant gloves

Respiratory: Wear an approved respirator (NIOSH TC-84A rated or EN 14387) that provides protection from this product if the airborne concentrations exceed the recommended exposure limits.

Other: None

SECTION 9: Physical and Chemical Properties			
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Odor / Color	Nearly odorless clear liquid	Vapor Pressure	< 2.0 torr @ 68 °F (20 °C)
pH	11.0	Density (water =1)	1.036 @ 68°F (20 °C)
% Volatile by Weight	< 90	Solubility	> 99 % in water
Evaporation Rate (water =1)	< 1.0	Boiling Point	212 °F (100 °C)
Freezing Point	0° C (32 °F)		

SECTION 10: Stability and Reactivity

Chemical Stability: Considered stable under normal ambient temperatures.

Hazardous Decomposition: If complete combustion, oxides of carbon and silicates are formed.

Hazardous Polymerization: Will not occur

Incompatibility~ Materials to Avoid: May react with strong oxidizing agents, strong acids and metal salts.

SECTION 11: Toxicological Information
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Acute Eye Irritation: Irritating.

Acute Skin Irritation: Chronic exposure may be irritating.

Acute Dermal Toxicity: Not expected to be toxic through the skin.

Acute Inhalation Toxicity: Not determined, expected to be an irritant to the respiratory system.

Carcinogenic Effects: None

Existing Medical Conditions Aggravated by Exposure: Exposure to eyes and skin may cause irritation to preexisting conditions.

SECTION 12: Ecological Information

Ecotoxicity: The toxicity of this product has not been determined.

Environmental Fate: This product should be expected to be readily biodegradable.

SECTION 13: Disposal Considerations
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Waste Disposal Method: What ever cannot be saved for recovery or recycling should be managed by the local, state or Federal Regulations.

Container Handling and Disposal: All containers should be triple rinsed and disposed of according to local, state and Federal regulations.

SECTION 14: Transport Information
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Ground Classification: Not regulated by US DOT

Shipping Name: FLOR-CLEAN™ DC

Technical Shipping Name: None

UNFIC: None

ID Number: None

Packaging Group: None

Labels: No US DOT Labels

Not regulated by IATA or IMO

SECTION 14: Regulatory Information

EPCRA 311/312 Categories: Immediate (Acute) Health Effects: Yes
 Delayed (Chronic) Health Effects: Yes
 Fire Hazard: No
 Sudden Release of Pressure No
 Reactivity: No

European Community: irritating (Xi) substances

Right to know classification: All ingredients are listed in PA and NJ.
 TSCA: All ingredients listed or exempt from listing.
 Reportable Quantity (RQ): None
 Prop. 65: None
 WHMIS: Xi (Irritant to the eyes and skin)

All ingredients are listed as chemical inventories of ACIS, ECL, EEC, ENCS, EU, Israel, MAC, MAK, MITI, PICCS, SWISS, Taiwan, USA and UK

ABBREVIATIONS:

CAS # Chemical Abstract Service Number EINECS European Inventory of existing commercial chemical sales
 °C Celsius temperature scale °F Fahrenheit temperature scale
 Prop. Proprietary PE Personal Protective Equipment
 TLV Threshold Limit Value
 TWA Time Weighted Average
 STEL Short-term Exposure Limit PEL Permissible Exposure Limit
 OSHA Occupational Safety & Health NIOSH National Institute of Safety & Health
 NFPA National Fire Protection Agency WHMIS Workplace Hazardous Materials Information System
 NTP National Toxicology Program IARC Int. Agency for Research on Cancer
 RCRA Resource Conservation Recovery Act TSCA Toxic Substance Control Act
 EC50 Effective Dose LC50 Lethal Inhalation Concentration
 LD50 Lethal Dose CAS Chemical Abstract Service Number
 LEL Lower explosive limit UEL Upper explosive limit
 NDA No Data Available ND Not determined
 NE None established NA Not Applicable
 < Less Than or Equal To
 > Greater Than or Equal To
 CNS Central Nervous System CI China
 DSL Canada ECL Korean Existing Chemicals List
 EEC European Economic Commission ENCS Japanese Existing and New Chemical List
 EU European Union MAC Netherlands
 MAK Germany MITI Japan
 PICCS Philippines SWISS Giftliste 1
 UK United Kingdom USA United States
 VOC Volatile organic content
 ACGIH American Conference of Government Industrial Hygienists
 SARA Superfund Amendments and Reauthorization Act
 AICS Australian Inventory of Chemical Substances
 IARC International Agency for Research on Cancer
 Taiwan List of Toxic Chemical Substances regulated under Taiwan Toxic Chemical Substances Control Act of 1086

SECTION 15: Other Information

Hazardous Material Information (HMIS)

National Fire Protection Association (NFPA)

Health	1	1	Health
Fire	0	0	Fire
Reactivity	0	0	Instability
Personal Protection	C		N/A

Health 4

Fire 4 < 73 °C 3 < 100 °C 2 < 200 °C 1 >200 °C 0 Will not burn

Reactivity/Instability 4 – May detonate 3 Explosive 2 Unstable 1 Normally stable 0 Stable

Deadly 3 Extreme

Danger 2 Dangerous

1 Slight hazard

0 No hazard

Risk phrases: R36, Irritating to eyes; R37, Irritating to respiratory system; and R38, Irritating to skin.

Safety phrases: S2, Keep out of reach of children; S24, Avoid contact with skin; S25, Avoid contact with eyes; S37, Wear suitable gloves; and S39, Wear eye/face protection.

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