

**SAFETY DATA SHEET**

**SECTION 1: Product and Company Identification**

Product Name: FLOR-CLEAN<sup>™</sup> DC  
Product Use: Concrete Daily Cleaner  
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

<b>Components</b>				
<b>Component</b>	<b>CAS#</b>	<b>EINECS #</b>	<b>% BY WEIGHT</b>	<b>REACH REG#</b>
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

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

<b>SECTION 10: Stability and Reactivity</b>
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**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.

<b>SECTION 11: Toxicological Information</b>
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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.

<b>SECTION 12: Ecological Information</b>
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**Ecotoxicity:** The toxicity of this product has not been determined.

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

<b>SECTION 13: Disposal Considerations</b>
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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.

<b>SECTION 14: Transport Information</b>
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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

<b>SECTION 14: Regulatory Information</b>
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**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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