

SDS# Flow-Plus
Date: October 2015

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Flow-Plus®

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Flow-Plus® Condensate Pan Treatment
Catalog Number: FP-6, FP-10, FP-25, FP-125, FP-200, FP-CP, IC-1, IC-1R, SCM-185-8, SCM-186-6
Manufactured by: DiversiTech Corporation
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Duluth, GA 30097

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EMERGENCY Phone No.: 1+800.434.9300 Chem-Tel (Chemical Emergencies Only)
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SECTION 2. HAZARDOUS IDENTIFICATION

GHS Classification:

Skin Irritation Category 2
Eye Irritation Category 2A

Label Elements:



Hazard Statement(s)

H315 Causes skin irritation.
H319 Causes serious eye irritation.

Precautionary Statement(s)

P102 Keep out of reach of children.
P103 Read label before use.
P264 Wash hands thoroughly after handling.
P280 Wear rubber, nitrile or neoprene protective gloves and clothing, and safety goggles or face shield to protect eyes and face.
P305+ 351 + 338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P332 + 313 If skin irritation occurs: Get medical attention.
P362 + 364 Take off contaminated clothing and wash it before reuse.
P337 + 313 If eye irritation persists: Get medical attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	EINECS No.	% or Range	GHS Classification
Benzyl-C12-C16 Alkyldimethyl Ammonium Chloride	68424-85-1	270-325-2	1-5	H302: Harmful if swallowed H314: Causes severe Skin burns and eye damage
				Category 4 Category 1B

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion: DO NOT INDUCE VOMITING! Give large quantities of water or milk if available. Never give anything by mouth to an unconscious person. Get medical attention immediately.

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SECTION 4. FIRST AID MEASURES (cont.)

Skin Contact: Wash with soap and water. Rinse with copious amounts of fresh, running water. If irritation persists, get medical attention.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

4.2. Signs and Symptoms of Exposure:

Inhalation: Vapors may cause mild irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapors may cause irritation to the upper respiratory tract.

Ingestion: Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea. Get medical attention immediately.

Skin Contact: Irritation or other physiological effects are unlikely from contact or prolonged exposure.

Eye Contact: May cause temporary eye irritation.

Medical Conditions Aggravated by Exposure: Contact may exacerbate existing skin disorders.

SECTION 5. FIREFIGHTING MEASURES

Suitable and Unsuitable Extinguishing Media: This product is not flammable. Use dry chemical, carbon dioxide, foam or other media suitable for the primary source of the fire.

Special Equipment and Precautions for Fire-Fighters: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode. Cool fire-exposed containers with a water spray.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: Ventilate area of leak or spill. Keep unnecessary and unprotected people away from area of spill. Wear appropriate personal protective equipment and clothing during clean-up.

Methods and Material for Containment and Clean-Up: Contain and absorb liquid with clay, vermiculite or other inert substance, sweep up and package in a container suitable for disposal. Wash away residues with water. Dispose of absorbed material in accordance with Federal, local and state regulations.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling: Keep in a tightly closed container. Protect from physical damage. Keep this and all chemicals out of the reach of children. Wash thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, ventilated area away from sources of heat, moisture and incompatible materials. Observe all warnings and precautions listed for the product.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits: None

Appropriate Engineering Controls:

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved): Not required for normal use in accordance with label directions.

Skin Protection: Use rubber, neoprene or nitrile gloves to minimize skin contact.

Eye Protection: Use chemical safety goggles and/or a full face shield where splashing is possible. A source of running water or other eyewash provisions should be nearby.

Work Hygienic Practices: Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material, and before eating, smoking or using the bathroom.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Waxy blue solid

Odor: Wintergreen odor

Odor Threshold: Not established

pH @ 25°C: 5.0-7.5

Melting Point (Pour Point): 175 °F

Boiling Point: No data for mixture

Flash Point: No data for mixture

Evaporation Rate (Water = 1): No data for mixture

Flammable Limits: No data for mixture

LEL: N/A

UEL: N/A

Vapor pressure (mm Hg): No data for mixture

Vapor Density (Air = 1): Same as water

Solubility in water: Water soluble

Octanol/Water Partition Coefficient: Not available

Autoignition Temperature: Not available

Decomposition Temperature: Not available

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: Incompatibles.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: May evolve carbon monoxide, carbon dioxide, and other unidentified fragments if this product is involved in a fire.

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects:

Inhalation: Vapors may cause mild irritation of the upper respiratory tract, depending on severity of exposure. Abusive or excessive inhalation of vapors may cause irritation to the upper respiratory tract.

Ingestion: Do not take internally. Low toxicity on ingestion. May cause nausea or diarrhea. Get medical attention immediately.

Skin Contact: Irritation or other physiological effects are unlikely from contact or prolonged exposure.

Eye Contact: May cause temporary eye irritation.

Medical Conditions Aggravated by Exposure: Contact may exacerbate existing skin disorders.

Carcinogenic effects: None classified.

Teratogenicity/Reproductive toxicity: Not classified.

Mutagenic effects: Not classified.

Numerical Measures of Toxicity:

Benzyl-C12-C16 Alkyldimethyl Ammonium Chloride: Oral-rat LD50:447 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Aquatic: Not available

Persistence and Degradability: No data available

Bioaccumulative Potential: No data available

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SECTION 12. ECOLOGICAL INFORMATION (cont.)

Mobility in Soil: No data available

Other Adverse Effects: None known

Other: For more information, see "HANDBOOK OF ENVIRONMENTAL FATE AND EXPOSURE DATA."

SECTION 13. DISPOSAL CONSIDERATIONS

Incinerate this material and all associated wastes, or bury in an approved landfill in accordance with governmental regulations. Dispose of product that is contaminated in a manner that is appropriate for the hazardous contaminant. Observe all local, state, and federal regulations when disposing of recovered materials. If the stated options for disposal are unavailable, consign the material to a licensed hazardous waste contractor for proper disposal.

SECTION 14. TRANSPORTATION INFORMATION

DOT HAZARD: None

ADR/IMO/RID/AND: This product is not classified as hazardous for transport.

SECTION 15. REGULATORY INFORMATION

TSCA: All ingredients are TSCA approved.

SARA TITLE III Reporting Requirements:

Section 302: EHS reporting not required.

Section 304: Hazardous releases reporting not required.

Section 311: Community Right To Know reporting is required if the inventory is above the Threshold Planning Quantity.

Section 312: R-T-K Inventory data reporting is not required.

Section 313: Emissions and release reporting may be required for users of this product within the manufacturing sector. This does not apply to service companies.

SECTION 16. OTHER INFORMATION

Revision Summary: All Sections: New GHS Format

Date Revised: 10/13/2015

HMIS III Ratings:

HMIS III®

Health	1
Flamability	0
Physical Hazard	0
Personal Protection	B

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