

Flow Plus®

Section 1. Identification

PRODUCT IDENTIFIER: Flow-Plus®

OTHER MEANS OF IDENTIFICATION: FLOW-PLUS-10; FLOW-PLUS-125; FLOW-PLUS-200; FLOW-PLUS-25; FLOW-PLUS-6; FLOW-PLUS-CP; SCM-185-8

RECOMMENDED USE OF THE CHEMICAL: Please see label for instructions

RESTRICTIONS ON USE: None known

MANUFACTURED BY: DiversiTech Corporation
3039 Premiere Parkway, Suite 600, Duluth, GA 30097
INFORMATION PHONE #: 1 800.995.2222

EMERGENCY PHONE #: 1 800.255.3924
Chem-Tel (Chemical Emergencies)

Section 2. Hazard Identification

CLASSIFICATION OF THE CHEMICAL:

Eye Irritation, category 2a
Skin Irritation, category 2

HAZARD SYMBOL(S):



SIGNAL WORD: Warning

RESTRICTIONS ON USE: None known

HAZARD(S) NOT OTHERWISE CLASSIFIED:

None known

0% of the chemical consists of ingredient(s) of unknown acute toxicity.

NOTE: Labeling elements found on this SDS may be different from labeling elements found on the label. Safety Data Sheets are regulated by OSHA (29 CFR §1910.1200) while the actual product and its label may be regulated by a different government agency. Please contact the responsible party in Section 1 if you have any questions.

Hazard Statement(s)	
H315	Causes skin irritation.
H319	Causes serious eye irritation.
Precautionary Statement(s)	
P102	Keep out of reach of children.
P264	Wash hands and exposed skin thoroughly after handling.
P280	Wear protective gloves and eye protection.
Response	
P302+352	IF ON SKIN: Wash with plenty of water.
P321	Specific treatment (see FIRST AID section on this label).
P332+313	If skin irritation occurs: Get medical advice.
P362+364	Take off contaminated clothing and wash it before reuse.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.
P337+313	If eye irritation persists: Get medical advice.

Section 3. Information on Ingredients

INGREDIENT	CAS No.	WT%	GHS CLASSIFICATION(S)
Benzyltrimethyltetradecylammonium chloride	139-08-2	1-3%	Skin Corr. 1b; Acute Tox. 4 (oral), Aquatic Acute 1

TRADE SECRET CLAIM: When applicable, the specific concentration of each hazardous ingredient is considered a TRADE SECRET. Chemical names and identifiers will be listed in exact composition weight and name when not subject to trade secret exemptions.

NOTE: This product may contain other ingredients that are not required to be disclosed on this safety data sheet or product label in accordance with 19 CFR §1910.1200. Any ingredient not listed on either the SDS or label is not considered hazardous to health and shouldn't pose a risk to the user.

Section 4. First Aid Measures

GENERAL FIRST AID MEASURES: If medical attention is required due to exposure then be sure to take product label or safety data sheet when seeking medical care.

IF INHALED: Move person to fresh air and keep at a comfortable position for breathing. Administer artificial respiration if person is not breathing.

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 5. Fire-Fighting Measure

SUITABLE EXTINGUISHING MEDIA: Water spray, carbon dioxide, sand, powder extinguisher, dry chemical.

SPECIFIC HAZARDS: None known.

SPECIAL PROTECTIVE EQUIPMENT: Not determined.

Section 6. Accidental Release Measures

PERSONAL PRECAUTIONS: Remove non-emergency personnel from the area in an orderly fashion.

EMERGENCY PROCEDURE(S): Cover drains to prevent spill from entering waterways. Evacuate non-emergency personnel from the area. Shut off all sources of ignition.

REFERENCES: See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

Section 7. Handling and Storage

PRECAUTIONS FOR SAFE HANDLING: Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES: None known.

MOST IMPORTANT SYMPTOMS: Skin and eye irritant.

IF ON SKIN: Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF SWALLOWED: Do NOT induce vomiting unless instructed to do so by a trained medical professional. Rinse mouth with water.

INDICATION OF IMMEDIATE MEDICAL ATTENTION: Not anticipated to require immediate medical attention.

UNSUITABLE EXTINGUISHING MEDIA: None known.

HAZARDOUS COMBUSTION PRODUCTS: None known.

PRECAUTIONS FOR FIRE-FIGHTERS: Not determined.

PROTECTIVE EQUIPMENT: Use appropriate chemical-resistant gloves and eye protection.

METHODS FOR CONTAINMENT: Cover drains and ventilate area to prevent vapor build-up.

METHODS FOR CLEAN UP: For small spills, wipe with an absorbent material. For large spills, collect with sawdust, sand, or binder before cleaning. Place in an area appropriate for disposal.

CONDITIONS FOR SAFE STORAGE: Keep cool in a well-ventilated place away from sunlight. Ensure local and adequate ventilation. Keep container tightly sealed in its original container.

Section 8. First Aid Measures

INGREDIENT	CAS No.	PEL	ACGIH	NIOSH
Benzyltrimethyltetradecyl-ammonium chloride	139-08-2	n/a	n/a	n/a

GENERAL NOTE: Practice good industrial hygiene. Wash hands after handling and use.

EYE/FACE PROTECTION: Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

RESPIRATORY PROTECTION: No anticipated protective equipment is required.

APPROPRIATE ENGINEERING CONTROLS: Ensure mechanical ventilation.

SKIN PROTECTION: Wear gloves suitable for chemical protection.

ENVIRONMENTAL PROTECTION: No anticipated protective equipment is required.

Section 9. Physical and Chemical Properties

APPEARANCE: Waxy blue solid

pH: 5-7.5

MELTING POINT: 175 °F

BOILING POINT: Not determined

FLASHPOINT: Not determined

FLAMMABILITY: Not determined

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

SOLUBILITY: Water miscible

AUTO-IGNITION: Not determined

ODOR: Wintergreen fragrance.

ODOR THRESHOLD: Not determined

EVAPORATION RATE: Not determined

UPPER EXPLOSIVE %: Not determined

LOWER EXPLOSIVE %: Not determined

RELATIVE DENSITY: Not determined

PARTITION COEFFICIENT: Not determined

DECOMPOSITION TEMP: Not determined

VISCOSITY: Not determined

Section 10. Stability and Reactivity

REACTIVITY: Not anticipated to be reactive.

HAZARDOUS REACTIONS: None known.

INCOMPATIBLE MATERIALS: Strong oxidizers, bases, and acids.

CHEMICAL STABILITY: Chemical is anticipated to be stable in normal storage conditions.

CONDITIONS TO AVOID: Heat, sources of ignition, direct sunlight, etc.

HAZARDOUS DECOMPOSITION PRODUCTS: May turn into carbon monoxide or carbon dioxide.

Section 11. Toxicological Information

ACUTE TOXICITY ESTIMATES:

Oral – >5,000 mg/kg bw.

Dermal – Contains no ingredient(s) considered toxic.

Inhalation – Contains no ingredient(s) considered toxic.

SENSITIZATION:

Respiratory: Contains no ingredient(s) applicable to this category.

Skin: Contains no ingredient(s) applicable to this category.

REPRODUCTIVE TOXICITY: Contains no ingredient(s) applicable to this category.

ASPIRATION HAZARD: Contains no ingredient(s) applicable to this category.

SKIN CORROSION/IRRITATION: Contains an ingredient which is known to cause permanent skin corrosive damage but is at diluted concentration levels as to lower its hazard classification.

EYE DAMAGE/IRRITATION: Is considered an eye irritant based on concentration of skin corrosive ingredients.

SYMPTOMS RELATED TO CHARACTERISTICS: Not determined.

Section 12. Ecological Information

ECOTOXICITY:

Algae – > 10 mg/L.

Fish – > 10 mg/L.

Crustacea – > 10 mg/L.

MOBILITY IN SOIL: Not determined.

Section 13. Disposal Considerations

DISPOSAL OF EMPTY CONTAINERS: Please recycle container with a licensed recycling company.

DISPOSAL OF FULL OR PARTIALLY FULL CONTAINERS: Dispose in accordance with all local regulations. Contact a licensed waste management company for questions on disposal procedures.

CARCINOGENICITY: Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE

EXPOSURE: Contains no ingredient(s) applicable to this category.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED

EXPOSURE: Contains no ingredient(s) applicable to this category.

GERM CELL MUTAGENICITY: Contains no ingredient(s) applicable to this category.

NATIONAL TOXICOLOGY PROGRAM LISTING: No ingredients listed.

INTERNATIONAL AGENCY FOR REACH ON CANCER LISTING: No ingredients listed.

DELAYED AND IMMEDIATE EFFECT FROM SHORT- AND LONG-TERM EXPOSURE: Not determined.

PERSISTENCE AND DEGRADABILITY: Not determined.

BIOACCUMULATIVE POTENTIAL: Not determined.

OTHER ADVERSE EFFECTS: None known.

Section 14. Transport Information

HAZARD PLACARD: Not applicable.

UN NUMBER: Not regulated.

UN PROPER SHIPPING NAME: Not regulated

LTD QTY: Not regulated.

HAZARD CLASS: Not regulated.

PACKAGING GROUP: Not regulated.

ENVIRONMENTAL HAZARD: No.

TRANSPORT IN BULK: Not determined.

SPECIAL PRECAUTIONS: Do not ship with excessive weight on top. Keep in original containers.

Section 15. Regulatory Information

SARA:

311 – No applicable ingredient(s).

312 – No applicable ingredient(s).

313 – No applicable ingredient(s).

TSCA INVENTORY LIST: Each ingredient is on the TSCA inventory list as ACTIVE.

RIGHT-TO-KNOW: Not applicable.

CALIFORNIA: Prop 65: No ingredient(s) listed.

ARB Designation: Not regulated.

VOC Limit: Not regulated.

HMIS®III: (higher numbers indicate higher risk): Health, 1 Flammability, 0 Physical Hazard, 0

NFPA®: (higher numbers indicate higher risk): Health, 1 Flammability, 0 Instability, 0

Section 16. Other Information

Revision: 3

Revision Date: February 17, 2021

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