

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 instruction

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

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. |

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.

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SECTION 3. INFORMATION ON INGREDIENTS

| INGREDIENT | CAS No. | COMPOSITION, 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.

MOST IMPORTANT SYMPTOMS:

Skin and eye irritant.

IF INHALED:

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

IF ON SKIN:

Wash with soap and water. Take off contaminated clothing and wash it before reuse.

IF IN EYES:

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

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.

SECTION 5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Water spray, carbon dioxide, sand, powder extinguisher, dry chemical.

UNSUITABLE EXTINGUISHING MEDIA:

None known.

SPECIFIC HAZARDS:

None known.

HAZARDOUS COMBUSTION PRODUCTS:

None known.

SPECIAL PROTECTIVE EQUIPMENT:

Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:

Not determined.

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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.

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.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:

Keep away from all ignition sources. Do not smoke while handling.

STORAGE INCOMPATIBILITIES:

None known

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. EXPOSURE CONTROLS

INGREDIENT

Benzyltrimethyltetradecylammonium chloride

CAS No.

139-08-2

PEL

n/a

ACGIH

n/a

NIOSH

n/a

GENERAL NOTE:

Practice good industrial hygiene. Wash hands after handling and use.

APPROPRIATE ENGINEERING CONTROLS:

Ensure mechanical ventilation.

EYE/FACE PROTECTION:

Eye protection is recommended. Wear goggles or another form of chemically resistant eye protection.

SKIN PROTECTION:

Wear gloves suitable for chemical protection.

RESPIRATORY PROTECTION:

No anticipated protective equipment is required.

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.
FLASHPOINT: Not determined.
FLAMMABILITY: Not determined.
VAPOR PRESSURE: Not determined.

ODOR: Wintergreen fragrance.
ODOR THRESHOLD: Not determined.
BOILING POINT: Not determined.
EVAPORATION RATE: Not determined.
UPPER EXPLOSIVE %: Not determined.
LOWER EXPLOSIVE %: Not determined.

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VAPOR DENSITY: Not determined.
SOLUBILITY: Water miscible.
AUTO-IGNITION: Not determined.
VISCOSITY: Not determined.

RELATIVE DENSITY: Not determined.
PARTITION COEFFICIENT: Not determined.
DECOMPOSITION TEMP: Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:
Not anticipated to be reactive.

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

HAZARDOUS REACTIONS:
None known.

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

INCOMPATIBLE MATERIALS:
Strong oxidizers, bases, and acids.

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.

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.

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

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

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

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

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

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

SYMPTOMS RELATED TO CHARACTERISTICS:
Not determined.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:
Contains no ingredient(s) applicable to this category.

NATIONAL TOXICOLOGY PROGRAM LISTING:
No ingredients listed.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE:
Contains no ingredient(s) applicable to this category.

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

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

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SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Algae – >10 mg/L.
Fish – >10 mg/L.
Crustacea – >10 mg/L.

MOBILITY IN SOIL:

Not determined.

PERSISTENCE AND DEGRADABILITY:

Not determined.

BIOACCUMULATIVE POTENTIAL:

Not determined.

OTHER ADVERSE EFFECTS:

None known.

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.

SECTION 14. TRANSPORT INFORMATION

HAZARD PLACARD: Not applicable
UN NUMBER: Not regulated
LTD QTY: Not regulated

UN PROPER SHIPPING NAME: 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.

HMIS®III: (higher numbers indicate higher risk)

Health, 1
Flammability, 0
Physical Hazard, 0

RIGHT-TO-KNOW:

Not applicable.

CALIFORNIA:

Prop 65: No ingredient(s) listed.
ARB Designation: Not regulated.
VOC Limit: Not regulated.

NFPA®: (higher numbers indicate higher risk)

Health, 1
Flammability, 0
Instability, 0

Flow-Plus®**SECTION 16. OTHER INFORMATION**

REVISION: 3

REVISION DATE: November 28, 2020

REVISION PURPOSE:

Revision based on the new data in relation to formula.

GENERAL DISCLAIMER:

All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product. Users also assume all risks in regards to the publications of use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.