Pro-Flush™ Aerosol

SECTION 1. IDENTIFICATION

PRODUCT IDENTIFIER:
Pro-Flush™ Aerosol
OTHER MEANS OF IDENTIFICATION:
PF-AER-KIT; PF-AER-16
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:
Gas Under Pressure, dissolved
Acute Toxicity – Inhalation, category 4
Eye Irritation, category 2a
Specific Target Organ Toxicity – category 4 (drowsiness)

HAZARD SYMBOL(S):



SIGNAL WORD: Warning

HAZARD STATEMENT(S)

H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.

PRECAUTIONARY STATEMENT(S)

P102	Keep out of reach of children.
P261	Avoid breathing spray.
P264	Wash hands thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection.
P403	Store in a well-ventilated place.
P405	Store locked up.
P410	Protect from sunlight.
P501	Dispose of container in accordance with local regulations.

RESPONSE

P304+340+312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

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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.

SECTION 3. INFORMATION ON INGREDIENTS

INGREDIENT	CAS No.	COMPOSITION, wt%	GHS CLASSIFICATION(S)
trans-1,2-Dichloroethylene	156-60-5	30-60	Flam Liq 2; Acute Tox 4
1,1,1,2-Tetrafluoroethane	811-97-2	15-40	Gas Under Pressure
Acid/Moisture Remover	Proprietary	10-30	Eye Irrit. 2a
Acetone	67-64-1	1-10	Flam Liq 2; Eye Irrit. 2a; STOT-SE 3
Ethanol	64-17-5	1-10	Flam Liq 2

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:
None known.

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:
Seek medical attention if breathing becomes difficult or if concerned due to inhalation exposure.

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SECTION 5. FIRE-FIGHTING MEASURES

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

UNSUITABLE EXTINGUISHING MEDIA:
None known.

SPECIFIC HAZARDS:
Contents under pressure; may explode when heated.

HAZARDOUS COMBUSTION PRODUCTS:
None known.

SPECIAL PROTECTIVE EQUIPMENT:
Not determined.

PRECAUTIONS FOR FIRE-FIGHTERS:
Not determined.

SECTION 6. ACCIDENTAL RELEASE MEASURES

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

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

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

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

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

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.

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.

STORAGE INCOMPATABILITIES:
None known

SECTION 8. EXPOSURE CONTROLS

INGREDIENT	CAS No.	PEL	AGCIH	NIOSH
trans-1,2-Dichloroethylene	156-60-5	n/a	n/a	n/a
1,1,1,2-Tetrafluoroethane	811-97-2	n/a	n/a	n/a
Acid/Moisture Remover	Proprietary	n/a	n/a	n/a
Acetone	67-64-1	1000 ppm	250 ppm	250 ppm
Ethanol	64-17-5	1000 ppm	1000 ppm	1000 ppm

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

APPROPRIATE ENGINEERING CONTROLS:
Ensure mechanical ventilation.

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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:
Wear a mask sufficient to filter spray when exposure is above occupational exposure limits.

ENVIRONMENTAL PROTECTION:
No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear liquid.
pH:	Not determined.
MELTING POINT:	Not determined.
FLASHPOINT:	Not applicable.
FLAMMABILITY:	Not flammable aerosol.
VAPOR PRESSURE:	261 mm Hg
VAPOR DENSITY:	3.7 (air=1)
SOLUBILITY:	Not soluble.
AUTO-IGNITION:	Not determined.
VISCOSITY:	Not determined.
ODOR:	Not determined.
ODOR THRESHOLD:	Not determined.
BOILING POINT:	106°F
EVAPORATION RATE:	>3
UPPER EXPLOSIVE %:	Not determined.
LOWER EXPLOSIVE %:	Not determined.
RELATIVE DENSITY:	1.17.
PARTITION COEFFICIENT:	Not determined.
DECOMPOSITION TEMP:	Not determined.

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY:
Certain mixtures of HFCs and chlorine may be flammable or reactive under certain conditions.

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.

HAZARDOUS DECOMPOSITION PRODUCTS:
None known.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY ESTIMATES:
Oral – Contains no ingredient(s) considered toxic.
Dermal – Contains no ingredient(s) considered toxic.
Inhalation – Considered harmful if inhaled.

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.

SKIN CORROSION/IRRITATION:
Contains no ingredient(s) applicable to this category.

EYE DAMAGE/IRRITATION:
May cause serious eye irritation.

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

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

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE:
May cause drowsiness or dizziness.

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

SYMPTOMS RELATED TO CHARACTERISTICS:
Not determined.

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 RESEARCH ON CANCER LISTING:
No ingredients listed.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY:
Algae – Contains no ingredient(s) considered toxic.
Fish – Contains no ingredient(s) considered toxic.
Crustacea – Contains no ingredient(s) considered toxic.

MOBILITY IN SOIL:
Not determined.

PERSISTENCE AND DEGRADEABILITY:
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:



UN NUMBER:	UN1950
LTD QTY:	<1 L
UN PROPER SHIPPING NAME:	Aerosol
HAZARD CLASS:	2.2 Non-Flammable Gas
PACKAGING GROUP:	-
ENVIRONMENTAL HAZARD:	No.
TRANSPORT IN BULK:	Not determined.
SPECIAL PRECAUTIONS:	Do not ship with excessive weight on top. Keep in original containers.

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SECTION 15. REGULATORY INFORMATION

SARA:
311 – See Section 3.
312 – See Section 3.
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, 2
Physical Hazard, 2

RIGHT-TO-KNOW:
Sodium metasilicate, potassium carbonate.

CALIFORNIA:
Prop 65: No ingredient(s) listed.
ARB Designation: Single purpose cleaner.
VOC Limit: Not determined

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

SECTION 16. OTHER INFORMATION

REVISION: 1
REVISION DATE: September 2023

REVISION PURPOSE:
SDS Creation

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.

SDS AUTHORED BY:
Cogwork Consulting Group
www.cogworkconsulting.com