

Master Care

Flash™ Detect

SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Identifier

Flash™ Detect

Other Means of Identification

980; 98084KIT; 98087KIT; 980-FC; 980-MC

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 Telephone Number

1 800.995.2222

Emergency Telephone Number

1 800.255.3924
Chem-Tel, for Chemical Emergencies Only

SECTION 2. HAZARD IDENTIFICATION

Classification of the Chemical

Flammable Liquid, category 3

Hazard Symbols



Signal Word: Warning

Hazard Statement(s)

Flammable liquid and vapor

Precautionary Statement(s)

Keep out of reach of children.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Keep container tightly closed.
Keep cool.
Ground container and receiving equipment.
Use explosion-proof equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves and eye protection.
Store in a well-ventilated place. Keep cool.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
IN CASE OF FIRE: Use carbon dioxide, dry chemical, or foam to extinguish. Do not use water.
Dispose of container in accordance with local regulations.

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	wt%	GHS Classification(s)
Triethyl orthoformate	122-51-0	50%	Flammable liquid, category 3

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

Not anticipated to require immediate medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide, sand, powder extinguisher, dry chemical.

Unsuitable Extinguishing Media

DO NOT USE WATER.

Specific Hazards

None known.

Hazardous Combustion Products

Carbon Monoxide, Carbon Dioxide, and Nitrogen Oxides.

Special Protective Equipment

Not determined.

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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.

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 Incompatibilities

None known.

SECTION 8. EXPOSURE CONTROLS

Ingredient

Triethyl orthoformate

CAS No.

122-51-0

PEL

n/a

AGCIH

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.

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Environmental Protection

No anticipated protective equipment is required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear green liquid.	Odor:	Mild ethereal.
pH:	Not determined.	Odor Threshold:	Not determined.
Melting Point:	Not determined.	Boiling Point:	Not determined.
Flashpoint:	95°F.	Evaporation Rate:	Not determined.
Flammability:	Not determined.	Upper Explosive %:	Not determined.
Vapor Pressure:	Not determined.	Lower Explosive %:	Not determined.
Vapor Density:	Not determined.	Relative Density:	0.97 g/cm ³ @ 20°C.
Solubility:	Not determined.	Partition Coefficient:	Not determined.
Auto-Ignition:	Not determined.	Decomposition Temp:	Not determined.
Viscosity:	Not determined.		

SECTION 10. STABILITY AND REACTIVITY

Reactivity

Can be reactive with water.

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

Incompatible with alkali metals, alkaline earth metals, powdered metals and powdered metal salts in general; includes incompatibility with magnesium, zinc, sodium, potassium and aluminum. Incompatibility is more severe if the metal is present as a dust or powder or has freshly exposed surfaces.

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 – Contains no ingredient(s) considered toxic.

Sensitization:

Respiratory: Contains no ingredient(s) applicable to this category.
 Skin: May cause an allergic skin reaction.

Reproductive Toxicity:

Contains no ingredient(s) applicable to this category.

Skin Corrosion / Irritation:

Contains no ingredient(s) applicable to this category.

Eye Damage / Irritation:

Contains no ingredient(s) applicable to this category.

Germ Cell Mutagenicity:

Contains no ingredient(s) applicable to this category.

Carcinogenicity:

Contains no ingredient(s) applicable to this category.

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Aspiration Hazard:

Contains no ingredient(s) applicable to this category.

Symptoms Related to Characteristics:

Not determined.

National Toxicology Listing:

No ingredients listed.

International Agency for Reach on Cancer Listing:

No ingredients listed.

Specific Target Organ Toxicity – Single Exposure:

Contains an ingredient that causes respiratory irritation below thresholds.

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.

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.

Persistence and Degradability:

Not determined.

Mobility in Soil:

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: UN1993
LTD QTY: < 5 L

UN Proper Shipping Name:

Flammable Liquid, n.o.s.

Hazard Class:

3

Packaging Group:

III

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

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311 – Triethylorthoformate.
312 – Triethylorthoformate.
313 – No applicable ingredient(s).

Right-To-Know:

Triethylorthoformate

California:

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

TSCA Inventory List:

Each ingredient is on the TSCA inventory list as ACTIVE.

HMIS®III (higher numbers indicate higher risk):

Health, 0
Flammability, 3
Physical Hazard, 0

NFPA (higher number indicate higher risk):

Health, 0
Flammability, 3
Instability, 0

SECTION 16. OTHER INFORMATION

Revision:

1

Revision Date:

September 2022

Revision Purpose:

Revision based on the new data in relation to the 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.

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