

**Tier II**  
**Emergency and Hazardous Chemical Inventory**  
**Specific Information by Chemical**

Reporting Period: January 1 to December 31, 2022

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Printed: February 27, 2023

**Facility: V.H. Blackinton & Co., Inc.**

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**FACILITY NAME AND LOCATION:**

V.H. Blackinton & Co., Inc.  
Dept:  
221 John Dietsch Blvd.  
Attleboro Falls, Massachusetts 02763-0300 USA  
County: Bristol  
Fire District:  
Latitude: 41.9812  
Longitude: -71.2998  
MAILING ADDRESS: P.O. BOX 1300  
Attleboro Falls, Massachusetts 02763-0300 USA

☐ All facility information (not including chemical information) is identical to last year's submission

**IDENTIFICATION NUMBERS:**

Dun & Bradstreet: 001197789 (DUN & BradStreet)  
NAICS: 339999 (All Other Miscellaneous Manufacturing)  
SIC: 3999 (SIC)  
T2M Facility ID: 3317 (T2M Facility ID)  
TRI: 02763VHBLC221JO (TRI)

Is the facility manned? ☒ Manned ☐ Unmanned  
Maximum No. of Occupants: 200

**REGULATORY INFORMATION:**

Subject to Emergency Planning under Section 302 of EPCRA (40 CFR part 355)? ☒ Yes ☐ No  
Subject to Chem. Accident Prevention under Section 112(r) of CAA (40 CFR part 68, Risk Mgmt. Pgm.)? ☐ Yes ☒ No

**CONTACT INFORMATION:**

**Carriers, R&L**

Title:  
Contact Type(s): Chemical Carrier  
Address: 600 Gilliam Road, Wilmington, OHIO 45177 USA  
Phones: 24-hour: 800-424-9300 Other: 800-543-5589  
Email:

**Gaouette, Paul**

Title: maintenace manager  
Contact Type(s): Emergency Contact  
Address:  
Phones: 24-hour: 5086395753 Mobile - Cell: 5086395753 Phone: 5086994436164  
Email: pgaouette@blackinton.com

**Inc, Linde**

Title:  
Contact Type(s): Chemical Carrier  
Address: 2570 Blvd. of the Generals, Norristown, PENNSYLVANIA 19403 USA  
Phones: Other: 800-232-4726 24-hour: 800-424-9300  
Email:

**LONG, DAVID**

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Facility: V.H. Blackinton & Co., Inc. (continued)

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Title: Chief Operating Officer  
Contact Type(s): Emergency Contact  
Address:  
Phones: Phone: 5086994436103 24-hour: 7742326382 Mobile - Cell: 7742326382  
Email: dlong@blackinton.com

**LONG, DAVID**

Title: Chief Operating Officer  
Contact Type(s): Fac. Emergency Coordinator  
Address:  
Phones: Phone: 5086994436103 24-hour: 7742326382 Mobile - Cell: 7742326382  
Email: dlong@blackinton.com

**LONG, DAVID**

Title:  
Contact Type(s): Owner / Operator  
Address: 221 John Dietsch Blvd., Attleboro Falls, MASSACHUSETTS 02763-0300 USA  
Phones: Phone: 5086994436103 24-hour: 7742326382  
Email: dlong@blackinton.com

**Supply, Judge**

Title:  
Contact Type(s): Chemical Carrier  
Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA  
Phones: Other: 508-222-7576 24-hour: 800-424-9300  
Email:

**Supply, Judge**

Title:  
Contact Type(s): Chemical Carrier  
Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA  
Phones: Other: 508-222-7576 24-hour: 800-424-9300  
Email:

**Supply, Judge**

Title:  
Contact Type(s): Chemical Carrier  
Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA  
Phones: Other: 508-222-7576 24-hour: 800-424-9300  
Email:

**Supply, Judge**

Title:  
Contact Type(s): Chemical Carrier  
Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA  
Phones: Other: 508-222-7576 24-hour: 800-424-9300  
Email:

**Supply, Judge**

Title:  
Contact Type(s): Chemical Carrier  
Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA

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**Facility: V.H. Blackinton & Co., Inc. (continued)**

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Phones: Other: 508-222-7576 24-hour: 800-424-9300

Email:

**Supply, Judge**

Title:

Contact Type(s): Chemical Carrier

Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA

Phones: Other: 508-222-7576 24-hour: 800-424-9300

Email:

**Supply, Judge**

Title:

Contact Type(s): Chemical Carrier

Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA

Phones: Other: 508-222-7576 24-hour: 800-424-9300

Email:

**Supply, Judge**

Title:

Contact Type(s): Chemical Carrier

Address: 527 Pleasant Street, Attleboro, MASSACHUSETTS 02703 USA

Phones: Other: 508-222-7576 24-hour: 800-424-9300

Email:

**Trout, Bryan**

Title: Finishing Operations Manager

Contact Type(s): Tier II Information Contact

Address:

Phones: Phone: 5086994436375 24-hour: 5163751689

Email: btrout@blackinton.com

**Trucking Co. Inc., Severance**

Title:

Contact Type(s): Chemical Carrier

Address: 49 McGrath RD., Dracut, MASSACHUSETTS 01826 USA

Phones: Other: 800-225-1111 24-hour: 800-424-9300

Email:

**(Unnamed Contact)**

Title:

Contact Type(s): Parent Company

Address: MASSACHUSETTS USA

Phones:

Email:

**(Unnamed Contact)**

Title:

Contact Type(s): Billing

Address: MASSACHUSETTS USA

Phones:

Email:

Facility: V.H. Blackinton & Co., Inc. (continued)

(Unnamed Contact)

Title:

Contact Type(s): Other

Address: 221 John Dietsch Blvd., Attleboro Falls, MASSACHUSETTS 02763-0300 USA

Phones: Phone: 5086994436103 24-hour: 7742326382

Email: dlong@blackinton.com

CHEMICAL INVENTORY INFORMATION:

Mixture or Product Name: Copper Plating Bath

CAS #: 151-50-8

Chemical Category: ☐ Pure ☒ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☒ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 673 pounds Maximum Amount code: 03 (500-999 pounds)

Average Daily Amount: 673 pounds Average Daily Amount code: 03 (500-999 pounds)

Max amount in largest container: 673 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: center of plating room

Container Type: Tank inside building Pressure: Ambient pressure

Temperature: Greater than ambient temperature

Amount: 75 pounds

MIXTURE COMPONENTS:

Name: copper cyanide CAS #: 544-92-3 ☐ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 4 (by weight)

Name: potassium cyanide CAS #: 151-50-8 ☒ EHS

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Max Amt Code: 01 (0-99 pounds) Component Percentage: 7 (by weight)

Name: rochelle salt CAS #: 304-59-6 ☐ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 6 (by weight)

Name: water CAS #: ☐ EHS

Max Amt Code: 03 (500-999 pounds) Component Percentage: 80 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 100

Average Shipment Qty (lbs): 100

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary route: 152 to Toner Blvd. onto John Dietsch Blvd.

Alternate route: RT 123 to Dennis st. to Mechanic st. to West st. to Toner Blvd. onto John Dietsch Blvd.

**Mixture or Product Name: Cyanide Activator**

CAS #: 143-33-9

Chemical Category: ☐ Pure ☒ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☒ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible dust

**HEALTH HAZARDS:**

- ☒ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☒ Specific target organ toxicity (single or repeated exposure)  
☒ Aspiration hazard  
☐ Simple asphyxiant

☐ Hazard not otherwise classified

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**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: 167.1 pounds Maximum Amount code: 02 (100-499 pounds)

Average Daily Amount: 115 pounds Average Daily Amount code: 02 (100-499 pounds)

Max amount in largest container: 110 pounds

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: against north wall of plating room

Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 20 pounds

Location Description: in center of plating room

Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 20 pounds

**MIXTURE COMPONENTS:**

Name: Sodium cyanide CAS #: 143-33-9 ☒ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 0.89 (by weight)

Name: water CAS #: ☐ EHS

Max Amt Code: 02 (100-499 pounds) Component Percentage: 99 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

☒ Ships via Trucks

☐ Ships via Tank Trucks

☐ Ships via Rail Car

☐ Ships via Tank Car

☐ Ships via Pipeline

☐ Ships via Barge

☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 110

Average Shipment Qty (lbs): 110

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary delivery route: Rt. 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: Rt. 123 to Dennis st. to Mechanic st. to West st. to Toner Blvd. onto John Dietsch Blvd.

**Mixture or Product Name: Cyanide Stock Solution**

CAS #: 143-33-9

Chemical Category: ☐ Pure ☒ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

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- ☐ Identical to previous year  
☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☒ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible dust

**HEALTH HAZARDS:**

- ☒ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☒ Specific target organ toxicity (single or repeated exposure)  
☒ Aspiration hazard  
☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

- ☐ Below Reporting Thresholds  
Maximum Amount: 95 pounds    Maximum Amount code: 01 (0-99 pounds)  
Average Daily Amount: 50 pounds    Average Daily Amount code: 01 (0-99 pounds)  
Max amount in largest container: 95 pounds  
Days on site: 365

**STORAGE LOCATIONS:**

- ☐ Confidential

Location Description: north end of plating room near eyewash station in a 12"x12"x14" stainless steel tank  
Container Type: Tank inside building    Pressure: Ambient pressure    Temperature: Ambient temperature  
Amount: 10 pounds

**MIXTURE COMPONENTS:**

Name: sodium cyanide    CAS #: 143-33-9    ☒ EHS  
Max Amt Code: 01 (0-99 pounds)    Component Percentage: 12 (by weight)

Name: water    CAS #:    ☐ EHS  
Max Amt Code: 01 (0-99 pounds)    Component Percentage: 88 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode  
Other shipment mode:  
Frequency of Shipment: 1  
Shipment Frequency Period: Year  
Maximum capacity per single vessel: 6,000

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**Facility: V.H. Blackinton & Co., Inc. (continued)**

Maximum Shipment Qty (lbs): 110

Average Shipment Qty (lbs): 110

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary delivery route: Rt. 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: Rt. 123 to Dennis st. to Mechanic st. to West st. to Toner Blvd. onto John Dietsch Blvd.

**Mixture or Product Name: E-Prep 221**

CAS #: 7664-93-9

Chemical Category: ☐ Pure ☒ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☒ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☐ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: 43.25 pounds Maximum Amount code: 01 (0-99 pounds)

Average Daily Amount: 43.25 pounds Average Daily Amount code: 01 (0-99 pounds)

Max amount in largest container: 43.25 pounds

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: Rear of plating /wwt room in acid chemical storage room. contained in 5 gallon plastic pails

Container Type: Plastic or non-metallic drum Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 150 pounds

**MIXTURE COMPONENTS:**

Name: hydrogen peroxide (35%) CAS #: 7722-84-1 ☐ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 20 (by weight)

Name: sulfuric acid CAS #: 7664-93-9 ☒ EHS



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Max Amt Code: 01 (0-99 pounds) Component Percentage: 10 (by weight)

Name: water & other non - hazardous, non - listed or non - reportable materials CAS #: ☐ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 70 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Month

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 96

Average Shipment Qty (lbs): 700

Physical State in Transit: Liquid

Carrier: R&L Carriers

Comments (please provide both the primary and alternate routes of travel): Primary delivery route: I-95 north to exit 6 onto Toner Blvd. onto John Dietsch Blvd. Alternate delivery route: I-495 south to exit 14 onto route 1 south left on Chestnut street onto Toner Blvd. left onto John Dietsch Blvd.

**Chemical Name: Liquid Nitrogen**

CAS #: 7727-37-9

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☐ Yes ☒ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal  
☒ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☐ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity (single or repeated exposure)  
☐ Aspiration hazard  
☒ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

- ☒ Below Reporting Thresholds

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Maximum Amount: 9,362 pounds    Maximum Amount code: 05 (5,000-9,999 pounds)  
Average Daily Amount: 192 pounds    Average Daily Amount code: 02 (100-499 pounds)  
Max amount in largest container: 9,348 pounds  
Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: northerly side of building on a concrete pad surrounded by chain link fence.

Container Type: Above ground tank    Pressure: Greater than ambient pressure    Temperature: Cryogenic conditions

Amount: 9,860 pounds

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☐ Ships via Trucks  
☒ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Month

Maximum capacity per single vessel: 46,000

Maximum Shipment Qty (lbs): 9,860

Average Shipment Qty (lbs): 9,860

Physical State in Transit: Liquid

Carrier: Linde Inc

Comments (please provide both the primary and alternate routes of travel): Primary route: I-495 south to exit 6 onto I-95 south to exit 5 right onto Toner Blvd. right onto John Dietsch Blvd. Alternate route: I-495 south to exit 14 onto route 1 south, left onto Chestnut Street onto Toner Blvd left onto John Dietsch Blvd.

**Mixture or Product Name: Micro Dip 9000**

CAS #: 7697-37-2

Chemical Category: ☐ Pure    ☒ Mixture

EHS: ☒ Yes    ☐ No

Physical State: ☐ Solid    ☒ Liquid    ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☐ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☐ Corrosive to metal

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity (single or repeated exposure)  
☒ Aspiration hazard

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- ☐ Gas under pressure (compressed gas) ☐ Simple asphyxiant  
☐ In contact with water emits flammable gas  
☐ Combustible dust ☐ Hazard not otherwise classified

**AMOUNTS:**

- ☐ Below Reporting Thresholds  
Maximum Amount: 742 pounds Maximum Amount code: 03 (500-999 pounds)  
Average Daily Amount: 485 pounds Average Daily Amount code: 02 (100-499 pounds)  
Max amount in largest container: 165 pounds  
Days on site: 365

**STORAGE LOCATIONS:**

- ☐ Confidential

Location Description: Rear of plating / wwt room in acid chemical storage room.  
Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature  
Amount: 1,100 pounds

**MIXTURE COMPONENTS:**

Name: Nitric Acid (67%) CAS #: 7697-37-2 ☒ EHS  
Max Amt Code: 02 (100-499 pounds) Component Percentage: 15 (by weight)

Name: Phosphoric Acid CAS #: 7664-38-2 ☐ EHS  
Max Amt Code: 03 (500-999 pounds) Component Percentage: 85 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 3

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 750

Average Shipment Qty (lbs): 750

Physical State in Transit: Liquid

Carrier: Severance Trucking Co. Inc.

Comments (please provide both the primary and alternate routes of travel): Primary delivery route: I-295 north onto I-95 north to exit 5 right onto Toner Blvd. right onto John Dietsch Blvd. Alternate delivery route: I-495 south to exit 14 onto route 1 south, left onto Chestnut Street onto Toner Blvd. left onto John Dietsch Blvd.

**Chemical Name: Nitric Acid**

CAS #: 7697-37-2

Chemical Category: ☒ Pure ☐ Mixture

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EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☒ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☐ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☐ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☒ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: 742 pounds    Maximum Amount code: 03 (500-999 pounds)

Average Daily Amount: 485 pounds    Average Daily Amount code: 02 (100-499 pounds)

Max amount in largest container: 165 pounds

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: rear of plating/wwt room in acid chemical storage room. The 67% nitric acid is contained in 14 gallon stainless steel kegs.

Container Type: Steel drum    Pressure: Ambient pressure    Temperature: Ambient temperature

Amount: 415 pounds

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks
- ☐ Ships via Tank Trucks
- ☐ Ships via Rail Car
- ☐ Ships via Tank Car
- ☐ Ships via Pipeline
- ☐ Ships via Barge
- ☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Month

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 330

Average Shipment Qty (lbs): 330

Physical State in Transit: Liquid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary route: RT. 152 to Toner Blvd. onto John Dietsch

Facility: V.H. Blackinton & Co., Inc. (continued)

Blvd. Alternate route: RT. 123 to Dennis street to Mechanic street, to West street, to North avenue, to Toner Blvd. onto John Dietsch Blvd.

Chemical Name: Potassium Cyanide

CAS #: 151-50-8

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☒ Solid ☐ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☐ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

HEALTH HAZARDS:

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☒ Specific target organ toxicity (single or repeated exposure)
- ☒ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 135.4 pounds Maximum Amount code: 02 (100-499 pounds)

Average Daily Amount: 87.97 pounds Average Daily Amount code: 01 (0-99 pounds)

Max amount in largest container: 95.9 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: rear of plating/wwt room in dry chemical storage room. contained in small steel drum.

Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 116 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:

- ☒ Ships via Trucks
  - ☐ Ships via Tank Trucks
  - ☐ Ships via Rail Car
  - ☐ Ships via Tank Car
  - ☐ Ships via Pipeline
  - ☐ Ships via Barge
  - ☐ Ships via Other Shipment Mode
- Other shipment mode:
- Frequency of Shipment: 1

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**Facility: V.H. Blackinton & Co., Inc. (continued)**

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 110

Average Shipment Qty (lbs): 110

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary route: RT. 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: RT. 123 to Dennis st. to Mechanic st. to West st. to Toner Blvd. onto John Dietsch Blvd.

-----  
**Mixture or Product Name: Silver Plating Bath**

CAS #: 151-50-8

Chemical Category: ☐ Pure ☒ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive
- ☐ Flammable (gases, aerosols, liquids, or solids)
- ☒ Oxidizer (liquid, solid, or gas)
- ☐ Self-reactive
- ☐ Pyrophoric (liquid or solid)
- ☐ Pyrophoric gas
- ☐ Self-heating
- ☐ Organic peroxide
- ☒ Corrosive to metal
- ☐ Gas under pressure (compressed gas)
- ☐ In contact with water emits flammable gas
- ☐ Combustible dust

**HEALTH HAZARDS:**

- ☒ Acute toxicity (any route of exposure)
- ☒ Skin corrosion or irritation
- ☒ Serious eye damage or eye irritation
- ☒ Respiratory or skin sensitization
- ☐ Germ cell mutagenicity
- ☐ Carcinogenicity
- ☐ Reproductive toxicity
- ☐ Specific target organ toxicity (single or repeated exposure)
- ☒ Aspiration hazard
- ☐ Simple asphyxiant

☐ Hazard not otherwise classified

**AMOUNTS:**

☐ Below Reporting Thresholds

Maximum Amount: 371 pounds Maximum Amount code: 02 (100-499 pounds)

Average Daily Amount: 371 pounds Average Daily Amount code: 02 (100-499 pounds)

Max amount in largest container: 371 pounds

Days on site: 365

**STORAGE LOCATIONS:**

☐ Confidential

Location Description: against south wall of plating room

Container Type: Tank inside building Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 40 pounds

**MIXTURE COMPONENTS:**

Name: potassium carbonate CAS #: 584-08-7 ☐ EHS

Max Amt Code: 01 (0-99 pounds) Component Percentage: 2.5 (by weight)

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**Facility: V.H. Blackinton & Co., Inc. (continued)**

Name: potassium cyanide CAS #: 151-50-8 ☒ EHS  
Max Amt Code: 01 (0-99 pounds) Component Percentage: 10 (by weight)

Name: potassium silver cyanide CAS #: 506-61-6 ☒ EHS  
Max Amt Code: 01 (0-99 pounds) Component Percentage: 4 (by weight)

Name: water CAS #: ☐ EHS  
Max Amt Code: 02 (100-499 pounds) Component Percentage: 83.5 (by weight)

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 110

Average Shipment Qty (lbs): 110

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary route: RT 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: RT 123 to Dennis st. to Mechanic st. to West st. to Toner Blvd. onto John Dietsch Blvd.

**Chemical Name: Sodium Cyanide**

CAS #: 143-33-9

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☒ Solid ☐ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

**PHYSICAL HAZARDS:**

- ☐ Explosive  
☐ Flammable (gases, aerosols, liquids, or solids)  
☒ Oxidizer (liquid, solid, or gas)  
☐ Self-reactive  
☐ Pyrophoric (liquid or solid)  
☐ Pyrophoric gas  
☐ Self-heating  
☐ Organic peroxide  
☒ Corrosive to metal  
☐ Gas under pressure (compressed gas)  
☐ In contact with water emits flammable gas  
☐ Combustible dust

**HEALTH HAZARDS:**

- ☒ Acute toxicity (any route of exposure)  
☒ Skin corrosion or irritation  
☒ Serious eye damage or eye irritation  
☒ Respiratory or skin sensitization  
☐ Germ cell mutagenicity  
☐ Carcinogenicity  
☐ Reproductive toxicity  
☐ Specific target organ toxicity (single or repeated exposure)  
☒ Aspiration hazard  
☐ Simple asphyxiant

Facility: V.H. Blackinton & Co., Inc. (continued)

☐ Hazard not otherwise classified

AMOUNTS:

☐ Below Reporting Thresholds

Maximum Amount: 167.1 pounds Maximum Amount code: 02 (100-499 pounds)

Average Daily Amount: 115.34 pounds Average Daily Amount code: 02 (100-499 pounds)

Max amount in largest container: 110 pounds

Days on site: 365

STORAGE LOCATIONS:

☐ Confidential

Location Description: rear of plating/wwt room in dry chemical storage room. contained in small steel drum.

Container Type: Steel drum Pressure: Ambient pressure Temperature: Ambient temperature

Amount: 130 pounds

STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:

☒ Ships via Trucks

☐ Ships via Tank Trucks

☐ Ships via Rail Car

☐ Ships via Tank Car

☐ Ships via Pipeline

☐ Ships via Barge

☐ Ships via Other Shipment Mode

Other shipment mode:

Frequency of Shipment: 1

Shipment Frequency Period: Year

Maximum capacity per single vessel: 6,000

Maximum Shipment Qty (lbs): 220

Average Shipment Qty (lbs): 110

Physical State in Transit: Solid

Carrier: Judge Supply

Comments (please provide both the primary and alternate routes of travel): Primary route: RT. 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: RT 123 to Dennis st. to Mechanic st. to West st to Toner Blvd. onto John Dietsch Blvd.

-----  
**Chemical Name: Sulfuric Acid**

CAS #: 7664-93-9

Chemical Category: ☒ Pure ☐ Mixture

EHS: ☒ Yes ☐ No

Physical State: ☐ Solid ☒ Liquid ☐ Gas

☐ Identical to previous year

☐ Trade secret

PHYSICAL HAZARDS:

☐ Explosive

☐ Flammable (gases, aerosols, liquids, or solids)

☐ Oxidizer (liquid, solid, or gas)

☐ Self-reactive

☐ Pyrophoric (liquid or solid)

☐ Pyrophoric gas

HEALTH HAZARDS:

☒ Acute toxicity (any route of exposure)

☒ Skin corrosion or irritation

☒ Serious eye damage or eye irritation

☒ Respiratory or skin sensitization

☐ Germ cell mutagenicity

☒ Carcinogenicity



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**Facility: V.H. Blackinton & Co., Inc. (continued)**

- |  |   |
|--|---|
| <input type="checkbox"/> Self-heating                              | <input checked="" type="checkbox"/> Reproductive toxicity                             |
| <input type="checkbox"/> Organic peroxide                          | <input type="checkbox"/> Specific target organ toxicity (single or repeated exposure) |
| <input checked="" type="checkbox"/> Corrosive to metal             | <input checked="" type="checkbox"/> Aspiration hazard                                 |
| <input type="checkbox"/> Gas under pressure (compressed gas)       | <input type="checkbox"/> Simple asphyxiant  |
| <input type="checkbox"/> In contact with water emits flammable gas |   |
| <input type="checkbox"/> Combustible dust                          |   |
| <input type="checkbox"/> Hazard not otherwise classified           |   |

**AMOUNTS:**

- ☐ Below Reporting Thresholds  
Maximum Amount: 709.35 pounds    Maximum Amount code: 03 (500-999 pounds)  
Average Daily Amount: 498.74 pounds    Average Daily Amount code: 02 (100-499 pounds)  
Max amount in largest container: 230.25 pounds  
Days on site: 365

**STORAGE LOCATIONS:**

- ☐ Confidential

Location Description: rear of plating/wwt room in acid chemical storage room contained in black plastic 14 gallon del drums.  
Container Type: Plastic or non-metallic drum    Pressure: Ambient pressure    Temperature: Ambient temperature  
Amount: 576 pounds

**STATE-SPECIFIC CHEMICAL DATA FIELDS FOR MASSACHUSETTS:**

- ☒ Ships via Trucks  
☐ Ships via Tank Trucks  
☐ Ships via Rail Car  
☐ Ships via Tank Car  
☐ Ships via Pipeline  
☐ Ships via Barge  
☐ Ships via Other Shipment Mode  
Other shipment mode:  
Frequency of Shipment: 1  
Shipment Frequency Period: Month  
Maximum capacity per single vessel: 6,000  
Maximum Shipment Qty (lbs): 460  
Average Shipment Qty (lbs): 460  
Physical State in Transit: Liquid  
Carrier: Judge Supply  
Comments (please provide both the primary and alternate routes of travel): Primary route: RT 152 to Toner Blvd. onto John Dietsch Blvd. Alternate route: RT 123 to Dennis st. to Mechanic st. to West st. to North st. to Toner Blvd. onto John Dietsch Blvd.

State/local fees: None

- ☐ I have attached a site plan  
☐ I have attached a list of site coordinate abbreviations  
☐ I have attached a description of dikes and other safeguard measures

Facility: V.H. Blackinton & Co., Inc. (continued)

**Certification (Read and sign after completing all sections)**

I certify under penalty of law that I have personally examined and am familiar with the information in pages 1 through 18, and that based on my inquiry of those individuals responsible for obtaining this information, I believe that the submitted information is true, accurate, and complete.

\_\_\_\_\_  
Signature

02/23/2023

\_\_\_\_\_  
Date signed

Bryan Trout, Finishing Operations Manager

Name and official title of owner/operator OR owner/operator's authorized representative