

# Safety Data Sheet



## Innotech Liquid Dye Concentrate

### Section 1 Product Description

Recommended Use: Staining concrete  
Supplier: ChromaScape Inc. 2055 Enterprise Pkwy. Twinsburg OH 44087 330-998-7574  
Emergency Phone: Chemtrec: 1-800-424-9300

### Section 2 Hazard identification

**Specific Target Organ Acute Toxicity (central nervous system): Category 3**

**Flammable Liquid: Category 3**

**Acute Inhalation Toxicity: Category 5**

**Acute Dermal Toxicity: Category 5**

**Eye Irritation: Category 2A**

**Skin Irritation: Category 2**



Signal Word:

Warning

Hazard Statements:

H226 Flammable liquid and vapor  
H313 May be harmful in contact with skin  
H319 Causes serious eye irritation  
H333 May be harmful if inhaled  
H336 May cause drowsiness or dizziness

Precautionary Statements:

#### Prevention:

P233 Keep container tightly closed  
P261 Avoid breathing mist  
P270 Do not eat, drink, or smoke while using this product  
P271 Use only outdoors or in a well-ventilated environment  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P284 Upper respiratory protection  
P264 Wash skin thoroughly after handling

#### Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of water  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Black Orchid, Blueberry, & Red Berry Colors:

**Specific Target Organ Acute Toxicity (central nervous system): Category 3**

Liquid Dye Rev. Date 5/21/2015

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**Flammable Liquid: Category 3**  
**Acute Inhalation Toxicity: Category 5**  
**Eye Irritation: Category 2A**  
**Skin Irritation: Category 2**



Signal Word:

Warning

Hazard Statements:

H226 Flammable liquid and vapor  
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Precautionary Statements:

**Prevention:**

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P271 Use only outdoors or in a well-ventilated environment  
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P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Cola & Malt Brown Colors:

**Eye Irritation: Category 2A**  
**Specific Target Organ Acute Toxicity (central nervous system): Category 3**  
**Flammable Liquid: Category 3**  
**Acute Inhalation Toxicity: Category 5**  
**Acute Dermal Toxicity: Category 5**  
**Skin Irritation: Category 2**



Signal Word:

Warning

Hazard Statements:

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H226 Flammable liquid and vapor  
H319 Causes serious eye irritation  
H313 May be harmful in contact with skin  
H333 May be harmful if inhaled  
H336 May cause drowsiness or dizziness

### Precautionary Statements:

#### Prevention:

P233 Keep container tightly closed  
P220 Keep/Store away from clothing  
P261 Avoid breathing mist  
P270 Do not eat, drink, or smoke while using this product  
P271 Use only outdoors or in a well-ventilated environment  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P284 Upper respiratory protection  
P264 Wash skin thoroughly after handling

#### Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

### Blue Poppy & Pomegranate Colors:

**Eye Irritation: Category 2A**

**Flammable Liquid: Category 4**

**Acute Inhalation Toxicity: Category 5**

**Acute Dermal Toxicity: Category 5**

**Skin Irritation: Category 2**



### Signal Word:

Warning

### Hazard Statements:

H227 Combustible liquid  
H319 Causes serious eye irritation  
H313 May be harmful in contact with skin  
H333 May be harmful if inhaled

### Precautionary Statements:

#### Prevention:

P233 Keep container tightly closed  
P220 Keep/Store away from clothing  
P261 Avoid breathing mist  
P270 Do not eat, drink, or smoke while using this product

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P271 Use only outdoors or in a well-ventilated environment  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P284 Upper respiratory protection  
P264 Wash skin thoroughly after handling

**Response:**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Sweet Potato & Warm Honey Colors:

**Specific Target Organ Acute Toxicity (central nervous system): Category 3**

**Flammable Liquid: Category 4**

**Acute Inhalation Toxicity: Category 5**

**Acute Dermal Toxicity: Category 5**

**Eye Irritation: Category 2A**

**Skin Irritation: Category 2**



Signal Word:

Warning

Hazard Statements:

H227 Combustible liquid  
H313 May be harmful in contact with skin  
H319 Causes serious eye irritation  
H333 May be harmful if inhaled  
H336 May cause drowsiness or dizziness

Precautionary Statements:

**Prevention:**

P233 Keep container tightly closed  
P220 Keep/Store away from clothing  
P261 Avoid breathing mist  
P270 Do not eat, drink, or smoke while using this product  
P271 Use only outdoors or in a well-ventilated environment  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P284 Upper respiratory protection  
P264 Wash skin thoroughly after handling

**Response:**

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P302+P352 IF ON SKIN: Wash with plenty of water

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P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Rhubarb Color:

**Eye Damage/Irritation: Category 1**

**Flammable Liquid: Category 4**

**Acute Oral Toxicity: Category 5**

**Acute Dermal Toxicity: Category 5**

**Skin Irritation: Category 2**



Signal Word:

Danger

Hazard Statements:

H227 Combustible liquid

H303 May be harmful if swallowed

H313 May be harmful in contact with skin

H318 Causes serious eye damage

Precautionary Statements:

**Prevention:**

P233 Keep container tightly closed

P220 Keep/Store away from clothing

P261 Avoid breathing mist

P270 Do not eat, drink, or smoke while using this product

P271 Use only outdoors or in a well-ventilated environment

P273 Avoid release to the environment

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P284 Upper respiratory protection

P264 Wash skin thoroughly after handling

**Response:**

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

Violet Color:

**Specific Target Organ Acute Toxicity (central nervous system): Category 3**

**Acute Inhalation Toxicity: Category 5**

**Eye Irritation: Category 2A**

**Skin Irritation: Category 2**



## Safety Data Sheet

Signal Word:

Warning

Hazard Statements:

H319 Causes serious eye irritation  
H333 May be harmful if inhaled  
H336 May cause drowsiness or dizziness

Precautionary Statements:

**Prevention:**

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P220 Keep/Store away from clothing  
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P270 Do not eat, drink, or smoke while using this product  
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P302+P352 IF ON SKIN: Wash with plenty of water

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

### Section 3 Composition/ Information on Ingredients

Color	Component	CAS No.	OSHA PEL(TWA)	ACGIH(TLV-TWA)	Weight %
Black Orchid	Glycol Ether PM Alcohol	107-98-2	Not Established	100 ppm	34.5 – 41.4
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	13.8 – 20.7
	Dye Molecule	Proprietary	0.5 mg/m <sup>3</sup>	Not Established	6.9 – 13.8
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Blue Poppy	Glycol Ether DB	112-34-5	50 ppm	20 ppm	34.5 – 41.4
	Propylene Glycol	57-55-6	Not Established	Not Established	13.8 – 20.7
	Dye Molecule	Proprietary	Not Established	Not Established	6.9 – 20.7
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Blueberry	Glycol Ether PM Alcohol	107-98-2	Not Established	100 ppm	41.4 – 48.3
	Dihydrogen Oxide	7732-18-5	Not Established	Not Established	0.0 – 7.0
	Dye Molecule	Proprietary	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	20.7 – 27.6
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Cola	Ethoxy Propanol	1569-02-4	Not Established	Not Established	27.6 – 34.5
	2-Propoxyethanol	2807-30-9	Not Established	Not Established	3.5 – 6.9
	Dihydrogen Oxide	7732-18-5	Not Established	Not Established	0.0 – 23.4
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	3.5 – 6.9
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	0.7 – 3.5
	Dye Molecule	Proprietary	Not Established	Not Established	10.4 – 26.9
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Dandelion	Ethoxy Propanol	1569-02-4	Not Established	Not Established	27.6 – 34.5
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	3.4 – 6.9
	Dye Molecule	Proprietary	Not Established	Not Established	27.6 – 38.0
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Malt Brown	Ethoxy Propanol	1569-02-4	Not Established	Not Established	34.5 – 41.4
	Glycol Ether DB	112-34-5	50 ppm	20 ppm	0.7 – 3.5
	Glycol Ether DPM	34590-94-8	Not Established	100 ppm	0.7 – 3.5
	Ethyl Lactate	97-64-3	Not Established	Not Established	0.7 – 3.5
	Dye Molecule	Proprietary	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	25.0 – 30.0
	Glycol Ether	Proprietary	50 ppm	20 ppm	25.0 – 31.0
Maple Syrup	Ethoxy Propanol	1569-02-4	Not Established	Not Established	41.4 – 48.3

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	Dye Molecule Glycol Ether	Proprietary Proprietary	15 mg/m <sup>3</sup> 50 ppm	10 mg/m <sup>3</sup> 20 ppm	20.7 – 27.6 25.0 – 31.0
Pineapple	Ethoxy Propanol Dye Molecule Glycol Ether	1569-02-4 Proprietary Proprietary	Not Established 15 mg/m <sup>3</sup> 50 ppm	Not Established 10 mg/m <sup>3</sup> 20 ppm	48.3 – 55.2 13.8 – 20.7 25.0 – 31.0
Pomegranate	Glycol Ether DB Ethoxy Propanol Glycol Ether PM Alcohol Dihydrogen Oxide Dye Molecule Glycol Ether	112-34-5 1569-02-4 107-98-2 7732-18-5 Proprietary Proprietary	50 ppm Not Established Not Established Not Established 0.5 mg/m <sup>3</sup> 50 ppm	20 ppm Not Established 100 ppm Not Established Not Established 20 ppm	13.8 – 20.7 0.7 – 3.5 0.7 – 3.5 0.0 – 10.0 30.0 – 44.0 25.0 – 31.0
Red Berry	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether	1569-02-4 7732-18-5 Proprietary Proprietary	Not Established Not Established 15 mg/m <sup>3</sup> 50 ppm	Not Established Not Established 10 mg/m <sup>3</sup> 20 ppm	20.7 – 27.6 13.9 – 30.0 20.7 – 27.6 25.0 – 31.0
Rhubarb	Glycol Ether DB Ethyl Lactate Dye Molecule Glycol Ether	111-34-5 97-64-3 Proprietary Proprietary	50 ppm Not Established 15 mg/m <sup>3</sup> 50 ppm	20 ppm Not Established 10 mg/m <sup>3</sup> 20 ppm	34.5 – 41.4 6.9 – 13.8 13.8 – 20.0 25.0 – 31.0
Roasted Pepper	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether	1569-02-4 7732-18-5 Proprietary Proprietary	Not Established Not Established 15 mg/m <sup>3</sup> 50 ppm	Not Established Not Established 10 mg/m <sup>3</sup> 20 ppm	27.6 – 34.5 13.8 – 31.1 10.4 – 20.7 25.0 – 31.0
Rootbeer	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether	1569-02-4 7732-18-5 Proprietary Proprietary	Not Established Not Established Not Established 50 ppm	Not Established Not Established Not Established 20 ppm	34.5 – 41.4 6.9 – 20.7 13.8 – 20.7 25.0 – 31.0
Sweet Potato	Glycol Ether DPM Ethoxy Propanol Dye Molecule Glycol Ether	34590-94-8 1569-02-4 Proprietary Proprietary	Not Established Not Established Not Established 50 ppm	100 ppm Not Established Not Established 20 ppm	20.7 – 27.6 13.8 – 20.7 20.7 – 34.5 25.0 – 31.0
Thistle Green	Ethoxy Propanol Glycol Ether PM Alcohol Glycol Ether DB Dye Molecule Glycol Ether	1569-02-4 107-98-2 112-34-5 Proprietary Proprietary	Not Established Not Established 50 ppm 15 mg/m <sup>3</sup> 50 ppm	Not Established 100 ppm 20 ppm 10 mg/m <sup>3</sup> 20 ppm	34.5 – 41.4 3.5 – 6.9 0.7 – 3.5 17.3 – 30.4 25.0 – 31.0
Violet	Ethoxy Propanol Dihydrogen Oxide Dye Molecule Glycol Ether	1569-02-4 7732-18-5 Proprietary Proprietary	Not Established Not Established 0.5 mg/m <sup>3</sup> 50 ppm	Not Established Not Established Not Established 20 ppm	27.6 – 34.5 13.8 – 27.6 13.8 – 20.7 25.0 – 31.0
Warm Honey	Ethoxy Propanol Glycol Ether DPM Dye Molecule Glycol Ether	1569-02-4 34590-94-8 Proprietary Proprietary	Not Established Not Established Not Established 50 ppm	Not Established Not Established Not Established 20 ppm	41.4 – 48.3 0.7 – 3.5 17.3 – 26.9 25.0 – 31.0

### Section 4 First Aid Measures

#### Emergency First Aid Procedures

**Skin:** Remove contaminated clothing and wash the affected area with soap and water. Call a physician if skin irritation persists.

**Eyes:** Immediately flush with plenty of water. After initial rinsing, remove contacts (if present) and continue rinsing for 15 more minutes. If symptoms persist, call a physician.

**Inhalation:** Remove to fresh air. Administer artificial respiration if necessary. Call a physician if symptoms persist.

**Ingestion:** DO NOT induce vomiting. Rinse mouth thoroughly with water. Drink plenty of water dilute the material. Never give anything by mouth to an unconscious person. Consult a physician.

### Section 5 Firefighting Procedures

**Extinguishing Media:** Dry chemical, alcohol-resistant foam, water spray, or CO<sub>2</sub>

**Flammable Limits (% volume in air for solvents):** LEL: Not Determined UEL: Not Determined

**Special Fire Fighting Procedures:** Keep material and container away from sources of ignition. Use SCBA when fighting fire.

### Section 6 Spill or Leak Procedures

**Small Spills:** Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Take precautionary measures against static discharge. Prevent runoff from entering surface waters. Notify proper authorities if runoff should occur.

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**Large Spill Containment:** For large spills, dike far ahead of liquid spill for later disposal. Do not release into sewers or waterways.

**Cleanup:** Spills may be absorbed using inert materials and shoveled into properly-labeled containers. Take precautionary measures against static discharge. Prevent runoff from entering surface waters. Notify proper authorities if runoff should occur.

**Disposal Regulatory Requirements:** Follow applicable Federal, state, and local regulations.

**Container Cleaning and Disposal:** Containers must not be washed out or used for other purposes. Do not weld or flame cut empty containers.

**Waste Codes:** Black Orchid, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Violet colors carry D001 & D007 codes. Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Thistle Green, Blue Poppy, & Warm Honey colors carry D001 code. Pomegranate, Rhubarb, & Sweet Potato colors carry D007 code.

## Section 7 Handling and Storage

**Normal Handling:** Keep away from heat or ignition sources. Use only in well ventilated areas. Never pierce, saw, cut, grind, or weld empty containers.

**Storage:** Store material in its original container. Keep containers tightly closed when not in use.

**Waste Disposal Method:** Dispose of material in accordance with federal, state, and local guidelines.

**Special Precautions:** Avoid breathing mist. Avoid freezing.

## Section 8 Protection Information

**Respiratory Protection:** Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear an OSHA/NIOSH approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contaminations, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA.

**Ventilation:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

**Protective Clothing/Equipment:** Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact.

**Eye Protection:** Wear protective eyeglasses or chemical safety goggles, per OSHA eye and face protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

**Safety Stations:** Make emergency eyewash stations, safety/quick drench showers, and washing facilities available in work area.

**Contaminated Equipment:** Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

## Section 9 Physical Data

**Appearance:** Colored liquid

**Odor:** Glycol Ether

**Odor Threshold:** No data available

**pH:** 6 - 10

**Melting Point:** Not determined

**Freezing Point:** <32° F

**Boiling Point:** 215° F (102 °C)

**Flash Point:**

Black Orchid: 110° F

Blue Poppy: 150° F

Blueberry: 120° F

Cola: 126° F

Dandelion: 126° F

Malt Brown: 126° F

Maple Syrup: 126° F

Pineapple: 116° F

Pomegranate: 150° F

Red Berry: 125° F

Rhubarb: 150° F

Roasted Pepper: 135° F

Rootbeer: 135° F

Sweet Potato: 150° F

Thistle Green: 129° F

Violet: 150° F

Warm Honey: 150° F

**Evaporation Rate:** Not determined

**Flammability (solid, gas):** Combustible liquid

**Upper/lower Flammability:** N/A

**Vapor Pressure:** Not determined

**Vapor Density:** Not determined

**Relative Density:** 1.01-1.11

**Water Solubility:** 100%

**Partition Coefficient:** No data available



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**Auto-ignition Temperature:** N/A  
**Decomposition temperature:** Not determined  
**Viscosity:** Not determined  
**Specific Gravity (H2O=1, at 4 °C):** 1.01-1.11

## Section 10 Reactivity Data

**Reactivity:** Stable under normal conditions.  
**Conditions to avoid:** Heat, open flame, reactive metals, and strong oxidizers.  
**Incompatibility (Materials to Avoid):** None known.  
**Hazardous Decomposition (Byproducts):** May emit toxic fumes under fire conditions.  
**Hazardous Polymerization:** Will not occur.

## Section 11 Toxicity Data

**Routes of Exposure:** Inhalation, ingestion, eyes, and skin.

### Acute Toxicity Estimates (ATE):

Black Orchid:	LC50 (inhl) 25.3 mg/m3 LD50 (oral) 6250 mg/kg LD50 (skin) 5128 mg/kg	Red Berry:	LC50 (inhl) 33.1 mg/m3 LD50 (oral) 8197 mg/kg LD50 (skin) 5435 mg/kg
Blue Poppy:	LC50 (inhl) 26.8 mg/m3 LD50 (oral) 5181 mg/kg LD50 (skin) 3247 mg/kg	Rhubarb:	LC50 (inhl) No Data Available LD50 (oral) 3876 mg/kg LD50 (skin) 2994 mg/kg
Blueberry:	LC50 (inhl) 26.8 mg/m3 LD50 (oral) 6289 mg/kg LD50 (skin) 5236 mg/kg	Roasted Pepper:	LC50 (inhl) 28.8 mg/m3 LD50 (oral) 6024 mg/kg LD50 (skin) 4808 mg/kg
Cola:	LC50 (inhl) 29.7 mg/m3 LD50 (oral) 5102 mg/kg LD50 (skin) 3509 mg/kg	Rootbeer:	LC50 (inhl) 28.0 mg/m3 LD50 (oral) 5714 mg/kg LD50 (skin) 4695 mg/kg
Dandelion:	LC50 (inhl) 32.1 mg/m3 LD50 (oral) 6579 mg/kg LD50 (skin) 4673 mg/kg	Sweet Potato:	LC50 (inhl) 33.9 mg/m3 LD50 (oral) 5780 mg/kg LD50 (skin) 4717 mg/kg
Malt Brown:	LC50 (inhl) 28.5 mg/m3 LD50 (oral) 5376 mg/kg LD50 (skin) 4464 mg/kg	Thistle Green:	LC50 (inhl) 30.2 mg/m3 LD50 (oral) 5882 mg/kg LD50 (skin) 4717 mg/kg
Maple Syrup:	LC50 (inhl) 28.1 mg/m3 LD50 (oral) 5747 mg/kg LD50 (skin) 4717 mg/kg	Violet:	LC50 (inhl) 30.9 mg/m3 LD50 (oral) 6993 mg/kg LD50 (skin) 5128 mg/kg
Pineapple:	LC50 (inhl) 27.7 mg/m3 LD50 (oral) 5587 mg/kg LD50 (skin) 4651 mg/kg	Warm Honey:	LC50 (inhl) 28.0 mg/m3 LD50 (oral) 5650 mg/kg LD50 (skin) 4673 mg/kg
Pomegranate:	LC50 (inhl) 39.4 mg/m3 LD50 (oral) 4950 mg/kg LD50 (skin) 3289 mg/kg		

**Skin Contact:** May cause skin irritation. Prolonged or repeated exposure can defat the skin.

**Eye Contact:** Category 2 Eye Irritants will cause serious eye irritation. Category 1 Eye Irritants will cause serious eye damage.

**Inhalation:** May depress the central nervous system, causing dizziness and/or drowsiness.

**Ingestion:** May cause irritation of the skin inside the mouth, nausea, or stomach cramps/discomfort.

**Carcinogen:** Black Orchid, Pineapple, Red Berry, Roasted Pepper, Rootbeer, Sweet Potato, and Violet colors contain trivalent chromium compounds in solution. Trivalent chromium is IARC Group 3 – which is not classifiable as to its carcinogenicity to humans.

**Aggravation of Pre-existing Conditions:** Inhalation of fumes may aggravate existing lung problems.

## Section 12 Ecological Data

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## Aquatic Toxicity (calculated):

Black Orchid:	LC50 (fish) 44.8 mg/L LC50 (inv.) 2941 mg/L EC50 (plants) No Data Available	Red Berry:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC 50 (plants) No Data Available
Blue Poppy:	LC50 (fish) 1923 mg/L LC50 (inv.) 3734 mg/L EC50 (plants) 149.6 mg/L	Rhubarb:	LC50 (fish) 1350 mg/L LC50 (inv.) 2262 mg/L EC50 (plants) No Data Available
Blueberry:	LC50 (fish) 29.9 mg/L LC50 (inv.) 4348 mg/L EC50 (plants) No Data Available	Roasted Pepper:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Cola:	LC50 (fish) 2857 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Rootbeer:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Dandelion:	LC50 (fish) 2809 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Sweet Potato:	LC50 (fish) 3584 mg/L LC50 (inv.) 1786 mg/L EC50 (plants) No Data Available
Malt Brown:	LC50 (fish) 3205 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Thistle Green:	LC50 (fish) 211.4 mg/L LC50 (inv.) 3322 mg/L EC50 (plants) No Data Available
Maple Syrup:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Violet:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Pineapple:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available	Warm Honey:	LC50 (fish) 3584 mg/L LC50 (inv.) No Data Available EC50 (plants) No Data Available
Pomegranate:	LC50 (fish) 209.7 mg/L LC50 (inv.) 2439 mg/L EC50 (plants) 141.4 mg/L		

**Persistence and Degradability:** No data available

**Bioaccumulation Potential:** Potential for bioaccumulation of metals

**Mobility in the Soil:** Highly mobile in wet soil

**Other Adverse Effects:** None

## Section 13 Disposal Information

**Waste Disposal Method:** Dispose of material in accordance with all Federal, State, and Local regulations.

## Section 14 Transport Information

**US DOT Domestic Ground:**

**Proper Shipping Name:** Non-Regulated Material

**Hazard Class:** N/A

**UN:** N/A

**Packing Group:** N/A

**Marine Pollutant:** No.

**IATA:**

**Proper Shipping Name:**

Paint Related Material (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

Non-Regulated Material (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**Hazard Class:** 3 (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**UN:** 1263 (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

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**Packing Group:** III (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)  
N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**IMDG:**

**Proper Shipping Name:**

Paint Related Material (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

Non-Regulated Material (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**Hazard Class:** 3 (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**UN:** 1263 (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

**Packing Group:** III (Black Orchid, Blueberry, Cola, Dandelion, Malt Brown, Maple Syrup, Pineapple, Red Berry, Roasted Pepper, Rootbeer, & Thistle Green colors)

N/A (Blue Poppy, Pomegranate, Rhubarb, Sweet Potato, Violet, & Warm Honey colors)

### Section 15 Regulatory Information

**RCRA Hazardous Waste Number (40 CFR 261.33):** Possibly D002 or D007

<u>Color</u>	<u>SARA 313</u>	<u>SARA311/312</u>
Black Orchid	Yes (CAS 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Blue Poppy	Yes (CAS 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Blueberry	Yes (Proprietary Glycol Ether)	Yes (Acute, Fire)
Cola	Yes (CAS 1569-02-4, 2807-30-9, 112-34-5, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Dandelion	Yes (CAS 1569-02-4, 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Malt Brown	Yes (CAS 1569-02-4, 112-34-5, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)
Maple Syrup	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Pineapple	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Pomegranate	Yes (CAS 112-34-5, 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Red Berry	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Rhubarb	Yes (CAS 111-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Roasted Pepper	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Rootbeer	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Sweet Potato	Yes (CAS 34590-94-8, 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Thistle Green	Yes (CAS 1569-02-4, 112-34-5, Proprietary Glycol Ether)	Yes (Acute, Fire)
Violet	Yes (CAS 1569-02-4, Proprietary Glycol Ether)	Yes (Acute, Fire)
Warm Honey	Yes (CAS 1569-02-4, 34590-94-8, Proprietary Glycol Ether)	Yes (Acute, Fire)

**State Regulations:**

<u>Component:</u>	<u>CAS</u>	<u>Massachusetts</u>	<u>New Jersey</u>	<u>Pennsylvania</u>	<u>Illinois</u>
Glycol Ether PM Alcohol	107-98-2	Yes	Yes	Yes	No
Glycol Ether DPM	34590-94-8	Yes	Yes	Yes	Yes
Dye Molecule	Proprietary	No	Yes	Yes	Yes
Glycol Ether	Proprietary	Yes	Yes	Yes	Yes
Glycol Ether DB	112-34-5	No	Yes	Yes	Yes
Propylene Glycol	57-55-6	No	Yes	Yes	No
2-Propoxyethanol	2807-30-9	No	Yes	Yes	Yes
Ethyl Lactate	97-64-3	Yes	Yes	Yes	No

**California Prop. 65:** None of these products contain chemical(s) known to the state of California to cause cancer and/or birth defects.

### Section 16 Additional Information

## Safety Data Sheet

**The regulatory information provided is not intended to be comprehensive. Other Federal, State and Local regulations may apply to this material.**

The information on this SDS is provided in good faith in the interest of product safety and believed to be accurate to the best of our knowledge. However, ChromaScape makes no guarantee and assumes no liability for the data contained. Users should conduct their own research regarding suitability for their purposes. Nothing contained in this SDS should be misconstrued as permission to violate any regulation. End users should follow all local, state, national and international regulations as apply.