



# Safety Data Sheet

Item 1075

Issue date 02-May-2024

Version 3

## 1. Identification of the Substance/Preparation and of the Company/Undertaking

### Product Identifier

Product name CHAMPION'S CHOICE COLD GALVANIZING 95  
Chemical name 6-5389-3

### Other means of identification

Product code FG 419-T3408-5  
Synonyms Cold galvanize/flat protective coating

### Recommended use of the chemical and restrictions on use

Recommended Use Rustproof for metal surfaces.  
Uses advised against See directions for use on product's label.

### Details of the supplier of the safety data sheet

| Distributor:        | Supplier Address    |
|---------------------|---------------------|
| 1st Ayd Corporation | Chase Products Co.  |
| 1325 Gateway Drive  | 2727 Gardner Road   |
| Elgin, IL 60124     | Broadview, IL 60155 |
| 847-622-0001        | 708-865-1000        |

### Emergency Telephone Number

|                                |                        |
|--------------------------------|------------------------|
| Company Phone Number           | 708-865-1000           |
| 24 Hour Emergency Phone Number | 1-800-255-3924         |
| Emergency telephone            | ChemTel 1-800-255-3924 |

## 2. Hazards Identification

### Classification

|  |               |
|--|---------------|
| Acute toxicity - Inhalation (Gases)                | Category 4    |
| Serious eye damage/eye irritation                  | Category 2    |
| Carcinogenicity                                    | Category 2    |
| Reproductive toxicity                              | Category 2    |
| Specific target organ toxicity (single exposure)   | Category 3    |
| Specific target organ toxicity (repeated exposure) | Category 2    |
| Aspiration toxicity                                | Category 1    |
| FLAMMABLE AEROSOLS                                 | Category 1    |
| Gases Under Pressure                               | liquefied gas |

### Label Elements

#### EMERGENCY OVERVIEW

#### DANGER

#### hazard statements

HARMFUL IF INHALED  
Causes serious eye irritation  
Suspected of causing cancer  
Suspected of damaging fertility or the unborn child  
May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
EXTREMELY FLAMMABLE AEROSOL

Contains gas under pressure; may explode if heated



**Appearance** Appearance of paint

**Physical State** Aerosol

**Odor** solvent odor

#### Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Wear protective gloves, protective clothing, eye protection and face protection.

Use only outdoors or in a well-ventilated area

Wash face, hands and any exposed skin thoroughly after handling

Do not breathe fumes, mist, vapors or spray.

Keep away from heat, sparks, open flames and hot surfaces. — No smoking

Do not spray on an open flame or other ignition source

Pressurized container: Do not pierce or burn, even after use

#### Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

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

If eye irritation persists: Get medical advice/attention

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

IF SWALLOWED: Immediately call a POISON CENTER or doctor

Do NOT induce vomiting

#### Precautionary Statements - Storage

Store locked up

Store in a well-ventilated place. Keep container tightly closed

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Protect from sunlight

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

##### Other Information

• MAY BE HARMFUL IF SWALLOWED

• Causes mild skin irritation

• Very toxic to aquatic life with long lasting effects

• Very toxic to aquatic life

8.486% of the mixture consists of ingredient(s) of unknown toxicity

### 3. Composition/information on Ingredients

#### Synonyms

Cold galvanize/flat protective coating.

#### Chemical Family

MIXTURES.

#### Formula

6-5389-3

| Chemical name | CAS No    | weight-% | Trade secret |
|---------------|-----------|----------|--------------|
| Acetone       | 67-64-1   | 35-40    | *            |
| Zinc          | 7440-66-6 | 15-20    | *            |

|                                     |            |       |   |
|-------------------------------------|------------|-------|---|
| Propane                             | 74-98-6    | 10-15 | * |
| n-butane                            | 106-97-8   | 5-10  | * |
| Low Odor Mineral Spirits            | 64742-47-8 | 5-10  | * |
| Magnesium Silicate                  | 14807-96-6 | 1-5   | * |
| Toluene                             | 108-88-3   | 1-5   | * |
| Naphtha (petroleum), heavy aromatic | 64742-94-5 | <1    | * |
| Ethylbenzene                        | 100-41-4   | <1    | * |

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

## **FIRST AID MEASURES**

|                     |   |
|---------------------|---|
| <b>Eye Contact</b>  | Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.                               |
| <b>Skin contact</b> | Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.   |
| <b>Inhalation</b>   | If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.     |
| <b>Ingestion</b>    | Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. |

## **Most important symptoms and effects, both acute and delayed**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Acute: Prolonged inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea. Prolonged and repeated contact with skin may cause irritation and reddening. Contact with eyes causes irritation. |
|-----------------|--|

## **Indication of any immediate medical attention and special treatment needed**

|                           |  |
|---------------------------|--|
| <b>Note to physicians</b> | Contains petroleum distillates, do not induce vomiting because of aspiration pneumonia hazard. |
|---------------------------|--|

## **Suitable extinguishing media**

Dry chemical, CO2 or water spray.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

## **Specific hazards arising from the chemical**

This product is under pressure. Water spray may be used to cool cans in the vicinity of fire or excessive heat to prevent the explosion of the cans.

**Hazardous combustion products** Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide.

## **Explosion data**

**Sensitivity to Mechanical Impact** Contents under pressure. This product is extremely flammable. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

**Sensitivity to Static Discharge** Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric

motors and static electricity).

#### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### **Personal precautions, protective equipment and emergency procedures**

##### **Personal precautions**

Use in well-ventilated area ONLY. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator manufacturer's instructions carefully for respirator use.

##### **For emergency responders**

Remove all sources of ignition.

#### **Environmental precautions**

##### **Environmental precautions**

See Section 12 for additional Ecological Information.

#### **Methods and material for containment and cleaning up**

##### **Methods for Containment**

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

##### **Methods for cleaning up**

Clean contaminated surface thoroughly.

#### **Precautions for safe handling**

##### **Advice on safe handling**

Handle as an extremely flammable material. Avoid contact with skin, eyes and clothing. Store cans in a cool, dry place away from heat and open flame.

#### **Conditions for safe storage, including any incompatibilities**

##### **Storage Conditions**

Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). **AEROSOL STORAGE LEVEL III (NFPA-30B).**

##### **Incompatible Materials**

Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

#### **Control parameters**

##### **Exposure guidelines**

See occupational exposure limits listed below.

| Chemical name      | ACGIH TLV                     | OSHA PEL  | NIOSH IDLH   |
|--------------------|-------------------------------|---|--|
| Acetone<br>67-64-1 | STEL: 500 ppm<br>TWA: 250 ppm | TWA: 1000 ppm<br>TWA: 2400 mg/m <sup>3</sup><br>(vacated) TWA: 750 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup><br>(vacated) STEL: 2400 mg/m <sup>3</sup><br>The acetone STEL does not apply to the cellulose acetate fiber | IDLH: 2500 ppm<br>TWA: 250 ppm<br>TWA: 590 mg/m <sup>3</sup> |

|                                  |  |  |  |
|----------------------------------|--|--|--|
|                                  |  | industry. It is in effect for all other sectors.<br>(vacated) STEL: 1000 ppm   |  |
| Propane<br>74-98-6               | : See Appendix F: Minimal Oxygen Content, explosion hazard   | TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup><br>(vacated) TWA: 1000 ppm<br>(vacated) TWA: 1800 mg/m <sup>3</sup>   | IDLH: 2100 ppm<br>TWA: 1000 ppm<br>TWA: 1800 mg/m <sup>3</sup>   |
| n-butane<br>106-97-8             | STEL: 1000 ppm explosion hazard  | (vacated) TWA: 800 ppm<br>(vacated) TWA: 1900 mg/m <sup>3</sup>  | IDLH: 1600 ppm<br>TWA: 800 ppm<br>TWA: 1900 mg/m <sup>3</sup>  |
| Magnesium Silicate<br>14807-96-6 | TWA: 2 mg/m <sup>3</sup> particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | (vacated) TWA: 2 mg/m <sup>3</sup> respirable dust <1% Crystalline silica, containing no Asbestos<br>TWA: 20 mppcf if 1% Quartz or more; use Quartz limit                        | IDLH: 1000 mg/m <sup>3</sup><br>TWA: 2 mg/m <sup>3</sup> containing no Asbestos and <1% Quartz respirable dust |
| Toluene<br>108-88-3              | TWA: 20 ppm  | TWA: 200 ppm<br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 375 mg/m <sup>3</sup><br>(vacated) STEL: 150 ppm<br>(vacated) STEL: 560 mg/m <sup>3</sup><br>Ceiling: 300 ppm           | IDLH: 500 ppm<br>TWA: 100 ppm<br>TWA: 375 mg/m <sup>3</sup><br>STEL: 150 ppm<br>STEL: 560 mg/m <sup>3</sup>    |
| Ethylbenzene<br>100-41-4         | TWA: 20 ppm  | TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>(vacated) TWA: 100 ppm<br>(vacated) TWA: 435 mg/m <sup>3</sup><br>(vacated) STEL: 125 ppm<br>(vacated) STEL: 545 mg/m <sup>3</sup> | IDLH: 800 ppm<br>TWA: 100 ppm<br>TWA: 435 mg/m <sup>3</sup><br>STEL: 125 ppm<br>STEL: 545 mg/m <sup>3</sup>    |

**Appropriate engineering controls**

**Engineering controls** Use with adequate general or local exhaust ventilation. Use in a well-ventilated area only .

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Conventional eyeglasses to guard against splashing.

**Skin and Body Protection** Chemical resistant gloves required.

**Respiratory protection** Use in well-ventilated area ONLY. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. To avoid breathing vapor or spray mist open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air or wear an appropriate, properly fitted respirator (NIOSH approved), or leave the area. NOTE: Follow respirator manufacturer's instructions carefully for respirator use.

**General hygiene considerations** Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product.

**Information on basic physical and chemical properties**

|                                     |                      |                          |                          |
|-------------------------------------|----------------------|--------------------------|--------------------------|
| <b>Physical State</b>               | Aerosol              | <b>Odor</b>              | solvent odor             |
| <b>Appearance</b>                   | Appearance of paint  | <b>Odor threshold</b>    | No information available |
| <b>Color</b>                        | Dark gray            |                          |                          |
| <b>Property</b>                     | <b>Values</b>        | <b>Remarks • Method</b>  |                          |
| <b>pH</b>                           | Not applicable       | Solvent-based product.   |                          |
| <b>Melting point/freezing point</b> | Not applicable       | No information available |                          |
| <b>Boiling point/boiling range</b>  | Acetone 133 °F/56 °C | No information available |                          |

|                                     |  |                          |
|-------------------------------------|--|--------------------------|
| <b>Flash Point</b>                  | Not Available. This is an aerosol product for which Flame Projection is over 18 inches with 8 in flashback. Temperatures above 120 °F may cause cans to burst. | No information available |
| <b>Evaporation Rate</b>             | Faster than butyl acetate  | No information available |
| <b>Flammability (solid, gas)</b>    |  | No information available |
| <b>Flammability Limits in Air</b>   |  | No information available |
| <b>Upper flammability limits</b>    | Not available  |                          |
| <b>Lower Flammability Limit</b>     | Not available  |                          |
| <b>Vapor pressure</b>               |  | No information available |
| <b>Vapor Density</b>                |  | No information available |
| <b>Relative Density</b>             | 1.057 concentrate  | No information available |
| <b>Water solubility</b>             | Insoluble in water   | No information available |
| <b>Solubility in other solvents</b> |  | No information available |
| <b>Partition coefficient</b>        |  | No information available |
| <b>Autoignition Temperature</b>     |  | No information available |
| <b>Decomposition temperature</b>    |  | No information available |
| <b>Kinematic viscosity</b>          |  | No information available |
| <b>Dynamic viscosity</b>            |  | No information available |
| <b>Explosive properties</b>         | No information available   |                          |
| <b>Oxidizing properties</b>         | No information available   |                          |

**Other Information**

|                         |                          |
|-------------------------|--------------------------|
| <b>Softening point</b>  | No information available |
| <b>Molecular weight</b> | No information available |
| <b>VOC content (%)</b>  | 36.30%                   |
| <b>Density</b>          | 8.805 b/gal              |
| <b>Bulk Density</b>     | No information available |

**Reactivity**

Not applicable

**Chemical stability**

Stable.

**Possibility of hazardous reactions**

Temperatures above 130 °F may cause cans to burst with force.

**hazardous polymerization**

Hazardous polymerization does not occur.

**Conditions to Avoid**

Temperatures above 122 °F (50 °C).

**Incompatible Materials**

Avoid heat, open flame and contact with strong acids, strong bases and strong oxidizers.

**Hazardous decomposition products**

Thermal decomposition may yield gases like nitrogen oxides, carbon monoxide and carbon dioxide.

**Information on likely routes of exposure****Product Information**

This product has not been tested as whole. See below for information on ingredients.

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | See data below.   |
| <b>Eye Contact</b>  | Injurious if sprayed on eyes. Contact with eyes may result on eye damage. |
| <b>Skin contact</b> | See data below.   |
| <b>Ingestion</b>    | See data below.   |

| Chemical name  | Oral LD50            | dermal LD50              | Inhalation LC50                       |
|--|----------------------|--------------------------|---------------------------------------|
| Acetone<br>67-64-1                                   | = 5800 mg/kg ( Rat ) | > 15700 mg/kg ( Rabbit ) | = 50100 mg/m <sup>3</sup> ( Rat ) 8 h |
| Zinc<br>7440-66-6                                    | = 630 mg/kg ( Rat )  | -                        | -                                     |
| Propane<br>74-98-6                                   | -                    | -                        | > 800000 ppm ( Rat ) 15 min           |
| n-butane<br>106-97-8                                 | -                    | -                        | = 658 g/m <sup>3</sup> ( Rat ) 4 h    |
| Low Odor Mineral Spirits<br>64742-47-8               | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit )  | > 5.2 mg/L ( Rat ) 4 h                |
| Toluene<br>108-88-3                                  | = 2600 mg/kg ( Rat ) | = 12000 mg/kg ( Rabbit ) | = 12.5 mg/L ( Rat ) 4 h               |
| Naphtha (petroleum), heavy<br>aromatic<br>64742-94-5 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit )  | > 590 mg/m <sup>3</sup> ( Rat ) 4 h   |
| Ethylbenzene<br>100-41-4                             | = 3500 mg/kg ( Rat ) | = 15400 mg/kg ( Rabbit ) | = 17.4 mg/L ( Rat ) 4 h               |

**Information on toxicological effects**

**Symptoms** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** May cause skin irritation and reddening after prolonged or repeated contact with skin.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**irritation** May cause skin and eye irritation.  
**corrosivity** Not applicable.  
**sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains less than 0.1% naphthalene.

| Chemical name                    | ACGIH | IARC                | NTP | OSHA |
|----------------------------------|-------|---------------------|-----|------|
| Magnesium Silicate<br>14807-96-6 |       | Group 2B<br>Group 3 |     | X    |
| Toluene<br>108-88-3              |       | Group 3             |     |      |
| Ethylbenzene<br>100-41-4         | A3    | Group 2B            |     | X    |

**Reproductive toxicity** This product contains toluene, a chemical known to the State of California to cause birth defects or other reproductive harm.  
**Teratogenicity** Suspect reproductive hazards. Contains material which may cause birth defects, based on animal data. This product contains toluene.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Chronic Toxicity** Xylene has been associated with kidney and liver disorders. IARC has evaluated and classified ethyl benzene as a possibly human carcinogen (group 2B) based on sufficient evidence of carcinogenicity in animals, but inadequate evidence for cancer in exposed humans.  
**Aspiration Hazard** No information available.

**Numerical measures of toxicity - Product Information**

Unknown acute toxicity 8.486% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document

|                               |             |
|-------------------------------|-------------|
| ATEmix (oral)                 | 8594 mg/kg  |
| ATEmix (dermal)               | 39898 mg/kg |
| ATEmix (inhalation-gas)       | 3662 mg/l   |
| ATEmix (inhalation-dust/mist) | 41.1 mg/l   |
| ATEmix (inhalation-vapor)     | 61 mg/l     |

**ecotoxicity**

See information listed below.

| Chemical name                          | Algae/aquatic plants   | Fish  | Toxicity to Microorganisms | Crustacea   |
|--|--|---|----------------------------|---|
| Acetone<br>67-64-1                     |  | 4.74 - 6.33: 96 h<br>Oncorhynchus mykiss mg/L<br>LC50<br>6210 - 8120: 96 h<br>Pimephales promelas mg/L<br>LC50 static<br>8300: 96 h Lepomis<br>macrochirus mg/L LC50  | EC50 = 14500 mg/L 15 min   | 10294 - 17704: 48 h Daphnia<br>magna mg/L EC50 Static<br>12600 - 12700: 48 h Daphnia<br>magna mg/L EC50 |
| Zinc<br>7440-66-6                      | 0.09 - 0.125: 72 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 static<br>0.11 - 0.271: 96 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 static | 0.211 - 0.269: 96 h<br>Pimephales promelas mg/L<br>LC50 semi-static<br>2.16 - 3.05: 96 h Pimephales<br>promelas mg/L LC50<br>flow-through<br>0.24: 96 h Oncorhynchus<br>mykiss mg/L LC50<br>flow-through<br>0.41: 96 h Oncorhynchus<br>mykiss mg/L LC50 static<br>0.45: 96 h Cyprinus carpio<br>mg/L LC50 semi-static<br>0.59: 96 h Oncorhynchus<br>mykiss mg/L LC50<br>semi-static<br>2.66: 96 h Pimephales<br>promelas mg/L LC50 static<br>3.5: 96 h Lepomis<br>macrochirus mg/L LC50<br>static<br>30: 96 h Cyprinus carpio<br>mg/L LC50<br>7.8: 96 h Cyprinus carpio<br>mg/L LC50 static |                            | 0.139 - 0.908: 48 h Daphnia<br>magna mg/L EC50 Static   |
| Low Odor Mineral Spirits<br>64742-47-8 |  | 2.2: 96 h Lepomis<br>macrochirus mg/L LC50<br>static<br>2.4: 96 h Oncorhynchus<br>mykiss mg/L LC50 static<br>45: 96 h Pimephales<br>promelas mg/L LC50<br>flow-through  |                            |   |
| Magnesium Silicate<br>14807-96-6       |  | 100: 96 h Brachydanio rerio<br>g/L LC50 semi-static   |                            |   |
| Toluene<br>108-88-3                    | 12.5: 72 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 static<br>433: 96 h   | 11.0 - 15.0: 96 h Lepomis<br>macrochirus mg/L LC50<br>static<br>14.1 - 17.16: 96 h  | EC50 = 19.7 mg/L 30 min    | 5.46 - 9.83: 48 h Daphnia<br>magna mg/L EC50 Static<br>11.5: 48 h Daphnia magna<br>mg/L EC50            |



|   |   |  |  |  |
|---|---|--|--|--|
|   | Pseudokirchneriella subcapitata mg/L EC50   | Oncorhynchus mykiss mg/L LC50 static<br>15.22 - 19.05: 96 h<br>Pimephales promelas mg/L LC50 flow-through<br>5.89 - 7.81: 96 h<br>Oncorhynchus mykiss mg/L LC50 flow-through<br>50.87 - 70.34: 96 h<br>Poecilia reticulata mg/L LC50 static<br>12.6: 96 h<br>Pimephales promelas mg/L LC50 static<br>28.2: 96 h<br>Poecilia reticulata mg/L LC50 semi-static<br>5.8: 96 h<br>Oncorhynchus mykiss mg/L LC50 semi-static<br>54: 96 h<br>Oryzias latipes mg/L LC50 static |  |  |
| Naphtha (petroleum), heavy aromatic<br>64742-94-5 |   | 1740: 96 h<br>Lepomis macrochirus mg/L LC50 static<br>19: 96 h<br>Pimephales promelas mg/L LC50 static<br>2.34: 96 h<br>Oncorhynchus mykiss mg/L LC50<br>41: 96 h<br>Pimephales promelas mg/L LC50<br>45: 96 h<br>Pimephales promelas mg/L LC50 flow-through   |  | 0.95: 48 h<br>Daphnia magna mg/L EC50      |
| Ethylbenzene<br>100-41-4                          | 1.7 - 7.6: 96 h<br>Pseudokirchneriella subcapitata mg/L EC50 static<br>2.6 - 11.3: 72 h<br>Pseudokirchneriella subcapitata mg/L EC50 static<br>4.6: 72 h<br>Pseudokirchneriella subcapitata mg/L EC50<br>438: 96 h<br>Pseudokirchneriella subcapitata mg/L EC50 | 11.0 - 18.0: 96 h<br>Oncorhynchus mykiss mg/L LC50 static<br>7.55 - 11: 96 h<br>Pimephales promelas mg/L LC50 flow-through<br>9.1 - 15.6: 96 h<br>Pimephales promelas mg/L LC50 static<br>32: 96 h<br>Lepomis macrochirus mg/L LC50 static<br>4.2: 96 h<br>Oncorhynchus mykiss mg/L LC50 semi-static<br>9.6: 96 h<br>Poecilia reticulata mg/L LC50 static  | EC50 = 9.68 mg/L 30 min<br>EC50 = 96 mg/L 24 h | 1.8 - 2.4: 48 h<br>Daphnia magna mg/L EC50 |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

| Chemical name                                     | Partition coefficient |
|---|-----------------------|
| Acetone<br>67-64-1                                | -0.24                 |
| Propane<br>74-98-6                                | 2.3                   |
| n-butane<br>106-97-8                              | 2.89                  |
| Toluene<br>108-88-3                               | 2.7                   |
| Naphtha (petroleum), heavy aromatic<br>64742-94-5 | 2.9 - 6.1             |
| Ethylbenzene                                      | 3.2                   |

100-41-4

**Other adverse effects**

No information available

**Waste treatment methods****Disposal of wastes**

Dispose of in accordance with federal, state and local regulations.

**Contaminated packaging**

Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

| Chemical name            | RCRA | RCRA - Basis for Listing   | RCRA - D Series Wastes | RCRA - U Series Wastes |
|--------------------------|------|--|------------------------|------------------------|
| Acetone<br>67-64-1       |      | Included in waste stream:<br>F039  |                        | U002                   |
| Toluene<br>108-88-3      | U220 | Included in waste streams:<br>F005, F024, F025, F039,<br>K015, K036, K037, K149,<br>K151 |                        | U220                   |
| Ethylbenzene<br>100-41-4 |      | Included in waste stream:<br>F039  |                        |                        |

| Chemical name       | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes   | RCRA - K Series Wastes |
|---------------------|--------------------------------------|------------------------|--|------------------------|
| Toluene<br>108-88-3 |                                      |                        | <p>Toxic waste<br/>waste number F025</p> <p>Waste description:<br/>Condensed light ends, spent<br/>filters and filter aids, and<br/>spent desiccant wastes from<br/>the production of certain<br/>chlorinated aliphatic<br/>hydrocarbons, by free radical<br/>catalyzed processes. These<br/>chlorinated aliphatic<br/>hydrocarbons are those<br/>having carbon chain lengths<br/>ranging from one to and<br/>including five, with varying<br/>amounts and positions of<br/>chlorine substitution.</p> |                        |

| Chemical name            | California Hazardous Waste Status |
|--------------------------|-----------------------------------|
| Acetone<br>67-64-1       | Ignitable                         |
| Zinc<br>7440-66-6        | Ignitable powder                  |
| Toluene<br>108-88-3      | Toxic<br>Ignitable                |
| Ethylbenzene<br>100-41-4 | Toxic<br>Ignitable                |

**DOT**

UN/ID no

Proper Shipping Name

Hazard Class

Limited Quantity

Consumer Commodity

NA

**IATA**

UN/ID no UN1950  
 Proper Shipping Name Aerosols, flammable  
 Hazard Class 2.1

**IMDG**

UN/ID no UN1950  
 Proper Shipping Name Aerosols, flammable  
 Hazard Class 2.1  
 Marine pollutant This product contains chemicals that are listed as marine pollutants.

**International Inventories****TSCA**

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**DSL**

All ingredients are listed or are excluded from listing on the DSL.

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****SARA 313**

This product contains the following toxic chemicals (above the de minimis level) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

| Chemical name           | CAS No    | weight-% | SARA 313 - Threshold Values % |
|-------------------------|-----------|----------|-------------------------------|
| Zinc - 7440-66-6        | 7440-66-6 | 15-20    | 1.0                           |
| Toluene - 108-88-3      | 108-88-3  | 1-5      | 1.0                           |
| Ethylbenzene - 100-41-4 | 100-41-4  | <1       | 0.1                           |

**SARA 311/312 Hazard Categories**

Acute Health Hazard yes  
 Chronic Health Hazard yes  
 Fire Hazard yes  
 Sudden release of pressure hazard No  
 Reactive Hazard No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

| Chemical name            | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|--------------------------|-----------------------------|------------------------|---------------------------|----------------------------|
| Zinc<br>7440-66-6        |                             | X                      | X                         |                            |
| Toluene<br>108-88-3      | 1000 lb                     | X                      | X                         | X                          |
| Ethylbenzene<br>100-41-4 | 1000 lb                     | X                      | X                         | X                          |

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name            | Hazardous Substances RQs | CERCLA/SARA RQ | Reportable Quantity (RQ)  |
|--------------------------|--------------------------|----------------|---|
| Acetone<br>67-64-1       | 5000 lb                  |                | RQ 5000 lb final RQ<br>RQ 2270 kg final RQ  |
| Zinc<br>7440-66-6        | 1000 lb                  |                | RQ 454 kg final RQ<br>RQ 1000 lb final RQ   |
| Toluene<br>108-88-3      | 1000 lb<br>1 lb          |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ<br>RQ 1 lb final RQ<br>RQ 0.454 kg final RQ |
| Ethylbenzene<br>100-41-4 | 1000 lb                  |                | RQ 1000 lb final RQ<br>RQ 454 kg final RQ   |

### US State Regulations

#### California Proposition 65

This product contains the following Proposition 65 chemicals. This product contains <0.1% naphthalene and <0.1% cumene, chemicals known to the State of California to cause cancer.

| Chemical name           | California Proposition 65 |
|-------------------------|---------------------------|
| Toluene - 108-88-3      | Developmental             |
| Ethylbenzene - 100-41-4 | carcinogen                |

### U.S. State Right-to-Know Regulations

| Chemical name                    | New Jersey | Massachusetts | Pennsylvania |
|----------------------------------|------------|---------------|--------------|
| Acetone<br>67-64-1               | X          | X             | X            |
| Zinc<br>7440-66-6                | X          | X             | X            |
| Propane<br>74-98-6               | X          | X             | X            |
| n-butane<br>106-97-8             | X          | X             | X            |
| Magnesium Silicate<br>14807-96-6 | X          | X             | X            |
| Toluene<br>108-88-3              | X          | X             | X            |
| Ethylbenzene<br>100-41-4         | X          | X             | X            |

### U.S. EPA Label information

EPA Pesticide registration number Not applicable

|             |                          |                       |                           |  |
|-------------|--------------------------|-----------------------|---------------------------|--|
| <b>NFPA</b> | <b>Health Hazards</b> 2  | <b>Flammability</b> 4 | <b>Instability</b> 1      | <b>Physical and chemical properties</b> Not applicable   |
| <b>HMIS</b> | <b>Health Hazards</b> 2* | <b>Flammability</b> 4 | <b>Physical hazards</b> 1 | <b>Personal Protection</b> B - Eyes and hands protection |

Prepared by Regulatory Department  
 Issue date 02-May-2024  
 Revision note  
 This SDS supersedes a previous SDS dated: 05-Nov-2020

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the

date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**