

Safety Data Sheet

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

Supplier AddressManufacturer AddressChase Products Co.Chase Products Co.2727 Gardner Road2727 Gardner RoadBroadview, IL 60155Broadview, IL 60155

708-865-1000 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

Cold galvanize/flat protective coating. **Synonyms**

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.

4. First aid measures

FIRST AID MEASURES

Eye Contact 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.

Skin contact Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20

minutes. Call a poison control center or doctor for treatment advise.

Inhalation If overcome by vapor, move person to fresh air. If person is not breathing, call 911 or an

ambulance, then provide artifical respiration, preferably mouth-to-mouth, if possible. Call a

poison control center or doctor for further treatment advise.

Ingestion 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

Symptoms 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

Note to physicians Contains petroleum distillates, do not induce vomiting because of aspiration neumonia

hazard.

5. Fire-fighting measures

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.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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.

7. Handling and Storage

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.

8. Exposure Controls/Personal Protection

Control parameters

Exposure quidelines See occupational exposure limits listed below.

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

| | | industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm | |
|----------------------------------|--|---|---|
| Propane 74-98-6 | : See Appendix F: Minimal Oxygen Content, explosion hazard | TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³ | IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³ |
| n-butane 106-97-8 | STEL: 1000 ppm explosion hazard | (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 1600 ppm TWA: 800 ppm TWA: 1900 mg/m³ |
| Magnesium Silicate 14807-96-6 | TWA: 2 mg/m³ particulate matter containing no asbestos and <1% crystalline silica, respirable particulate matter | | IDLH: 1000 mg/m³ TWA: 2 mg/m³ containing no Asbestos and <1% Quartz respirable dust |
| Toluene 108-88-3 | TWA: 20 ppm | TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m³ (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m³ Ceiling: 300 ppm | IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m³ STEL: 150 ppm STEL: 560 mg/m³ |
| Ethylbenzene 100-41-4 | TWA: 20 ppm | TWA: 100 ppm TWA: 435 mg/m³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m³ | IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m³ STEL: 125 ppm STEL: 545 mg/m³ |

Appropriate engineering controls

Engineering controlsUse 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.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State Aerosol

AppearanceAppearance of paintOdorsolvent odor

Color Dark gray Odor threshold No information available

PropertyValuesRemarks • MethodpHNot applicableSolvent-based product.Melting point/freezing pointNot applicableNo information availableBoiling point/boiling rangeAcetone 133 °F/56 °CNo information available

FG 419-T3408-5 CHAMPION'S CHOICE COLD GALVANIZING 95

Flash Point Not Available. This is an aerosol No information available

product for which Flame Projection is over 18 inches with 8 in flashback. Temperatures above 120 °F may

cause cans to burst.

Evaporation Rate Faster than butyl acetate No information available Flammability (solid, gas)

No information available No information available

No information available

Flammability Limits in Air **Upper flammability limits** Not available

Lower Flammability Limit Not available Vapor pressure

Vapor Density No information available **Relative Density** 1.057 concentrate No information available Water solubility Insoluble in water No information available

Solubility in other solvents No information available Partition coefficient No information available **Autoignition Temperature** No information available **Decomposition temperature** No information available Kinematic viscosity No information available Dynamic viscosity No information available

Explosive properties No information available No information available Oxidizing properties

Other Information

No information available Softening point Molecular weight No information available

VOC content (%) 36.30% 8.805 b/gal Density

Bulk Density No information available

10. Stability and Reactivity

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.

11. Toxicological Information

Information on likely routes of exposure

Product Information This product has not been tested as whole. See below for information on ingredients. **Inhalation** See data below.

Eye Contact Injurious if sprayed on eyes. Contact with eyes may result on eye damage.

Skin contact See data below.

Ingestion See data below.

| Chemical name | Oral LD50 | dermal LD50 | Inhalation LC50 |
|--|--------------------|--------------------------|----------------------------------|
| Acetone 67-64-1 | = 5800 mg/kg (Rat) | > 15700 mg/kg (Rabbit) | = 50100 mg/m³ (Rat) 8 h |
| Zinc 7440-66-6 | = 630 mg/kg (Rat) | - | - |
| Propane 74-98-6 | - | - | > 800000 ppm (Rat) 15 min |
| n-butane 106-97-8 | - | - | = 658 g/m ³ (Rat) 4 h |
| Low Odor Mineral Spirits 64742-47-8 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 5.2 mg/L (Rat)4 h |
| Toluene 108-88-3 | = 2600 mg/kg (Rat) | = 12000 mg/kg (Rabbit) | = 12.5 mg/L (Rat) 4 h |
| Naphtha (petroleum), heavy aromatic 64742-94-5 | > 5000 mg/kg (Rat) | > 2000 mg/kg (Rabbit) | > 590 mg/m³ (Rat)4 h |
| Ethylbenzene 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.

sensitizationNo information available.Germ cell mutagenicityNo 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 | | Group 2B | | X |
| 14807-96-6 | | Group 3 | | |
| Toluene | | Group 3 | | |
| 108-88-3 | | • | | |
| Ethylbenzene | A3 | Group 2B | | X |
| 100-41-4 | | · | | |

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
STOT - repeated exposure
No information available.
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

humas.

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

12. Ecological Information

ecotoxicity

See information listed below.

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

| | Pseudokirchneriella | Oncorhynchus mykiss mg/L | | |
|----------------------------|--|--------------------------------|-------------------------|--------------------------|
| | subcapitata mg/L EC50 | LC50 static | | |
| | | 15.22 - 19.05: 96 h | | |
| | | Pimephales promelas mg/L | | |
| | | LC50 flow-through | | |
| | | 5.89 - 7.81: 96 h | | |
| | | Oncorhynchus mykiss mg/L | | |
| | | LC50 flow-through | | |
| | | 50.87 - 70.34: 96 h Poecilia | | |
| | | reticulata mg/L LC50 static | | |
| | | 12.6: 96 h Pimephales | | |
| | | promelas mg/L LC50 static | | |
| | | 28.2: 96 h Poecilia reticulata | | |
| | | | | |
| | | mg/L LC50 semi-static | | |
| | | 5.8: 96 h Oncorhynchus | | |
| | | mykiss mg/L LC50 | | |
| | | semi-static | | |
| | | 54: 96 h Oryzias latipes mg/L | | |
| | | LC50 static | | |
| Naphtha (petroleum), heavy | | 1740: 96 h Lepomis | | 0.95: 48 h Daphnia magna |
| aromatic | | macrochirus mg/L LC50 | | mg/L EC50 |
| 64742-94-5 | | static | | |
| | | 19: 96 h Pimephales | | |
| | | promelas mg/L LC50 static | | |
| | | 2.34: 96 h Oncorhynchus | | |
| | | mykiss mg/L LC50 | | |
| | | 41: 96 h Pimephales | | |
| | | promelas mg/L LC50 | | |
| | | 45: 96 h Pimephales | | |
| | | promelas mg/L LC50 | | |
| | | flow-through | | |
| Ethylbenzene | 1.7 - 7.6: 96 h | 11.0 - 18.0: 96 h | EC50 = 9.68 mg/L 30 min | 1.8 - 2.4: 48 h Daphnia |
| 100-41-4 | Pseudokirchneriella | Oncorhynchus mykiss mg/L | EC50 = 96 mg/L 24 h | magna mg/L EC50 |
| 100 41 4 | subcapitata mg/L EC50 static | | 2000 = 00 mg/2 24 m | magna mg/L Looo |
| | 2.6 - 11.3: 72 h | 7.55 - 11: 96 h Pimephales | | |
| | Pseudokirchneriella | promelas mg/L LC50 | | |
| | | | | |
| | subcapitata mg/L EC50 static 4.6: 72 h Pseudokirchneriella | | | |
| | | | | |
| | subcapitata mg/L EC50 | promelas mg/L LC50 static | | |
| | 438: 96 h | 32: 96 h Lepomis | | |
| | Pseudokirchneriella | macrochirus mg/L LC50 | | |
| | subcapitata mg/L EC50 | static | | |
| | | 4.2: 96 h Oncorhynchus | | |
| | | mykiss mg/L LC50 | | |
| | | semi-static | | |
| | | 9.6: 96 h Poecilia reticulata | | |
| | | mg/L LC50 static | | |

Persistence and degradability No information available.

Bioaccumulation

No information available.

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

100-41-4

Other adverse effects No information available

13. Disposal Considerations

Waste treatment methods

Disposal of wastesDispose 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 | | Included in waste stream: | | U002 |
| 67-64-1 | | F039 | | |
| Toluene 108-88-3 | U220 | Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151 | | U220 |
| Ethylbenzene | | Included in waste stream: | | |
| 100-41-4 | | F039 | | |

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

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

14. Transport Information

DOT

UN/ID no Limited Quantity
Proper Shipping Name Consumer Commodity
Hazard Class NA

<u>IATA</u>

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.

15. Regulatory information

International Inventories

TSCA All ingredients of this product are listed or are excluded from listing under the U.S. Toxic

Subtances 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/NDSL - 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 | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous |
|--------------------------|------------------|------------------------|---------------------------|-----------------|
| | Quantities | | | Substances |
| Zinc 7440-66-6 | | Х | Х | |
| Toluene 108-88-3 | 1000 lb | Х | Х | Х |
| Ethylbenzene 100-41-4 | 1000 lb | Х | X | Х |

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 | 5000 lb | | RQ 5000 lb final RQ |
| 67-64-1 | | | RQ 2270 kg final RQ |
| Zinc | 1000 lb | | RQ 454 kg final RQ |
| 7440-66-6 | | | RQ 1000 lb final RQ |
| Toluene | 1000 lb | | RQ 1000 lb final RQ |
| 108-88-3 | 1 lb | | RQ 454 kg final RQ |
| | | | RQ 1 lb final RQ |
| | | | RQ 0.454 kg final RQ |
| Ethylbenzene | 1000 lb | | RQ 1000 lb final RQ |
| 100-41-4 | | | 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 | 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 67-64-1 | Х | X | Х |
| Zinc 7440-66-6 | Х | Х | Х |
| Propane 74-98-6 | Х | X | Х |
| n-butane 106-97-8 | Х | X | Х |
| Magnesium Silicate 14807-96-6 | Х | X | Х |
| Toluene 108-88-3 | Х | X | Х |
| Ethylbenzene 100-41-4 | Х | Х | X |

U.S. EPA Label information

EPA Pesticide registration number Not applicable

| 16. Other information | | | | |
|-----------------------|-------------------|----------------|--------------------|---|
| NFPA_ | Health Hazards 2 | Flammability 4 | Instability 1 | Physical and chemical properties Not applicable |
| HMIS | Health Hazards 2* | Flammability 4 | Physical hazards 1 | Personal Protection 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