1 Identification

- **Product identifier:** PZ-16-A
- **Trade name:** CANTESCO® PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)
- **Item number(s):** PZ-16-A
- **MSDS Number:** 280
- **UPC bar code(s):** 699913-125605
- **Application of the substance / the mixture:** SPRAY GALV
- **Manufacturer/Supplier:** WWW.CANTESCO.COM

USA ADDRESS:
KEMPER SYSTEM AMERICA, INC.
1200 NORTH AMERICA DR,
WEST SENECTA, NY 14224
PH (716) 558-2971

CANADIAN ADDRESS:
KEMPER SYSTEM CANADA
6345 NETHERHART ROAD
MISSISSAUGA, ON L5T 1B8
PH (905) 624-5463
FAX (905) 624-2840

- **Information department:**
  Tel: (716) 558-2971 ext. 228
  www.cantesco.com
- **Emergency telephone number:**
  ChemTrec (800) 424-9300 / 1-(703)-741-5970
  Canada only: CANUTEC (Call collect) (613) 996-6666

2 Hazard(s) identification

- **Classification of the substance or mixture:**
  - [GHS02 Flame](#)
    - Flammable Aerosols - Category 1
  - [GHS04 Gas cylinder](#)
    - Gases Under Pressure - Compressed Gas
  - [GHS08 Health hazard](#)

(Contd. on page 2)
Carcinogenicity – Category 2  H351 Suspected of causing cancer.
Reproductive Toxicity - Category 2  H361 Suspected of damaging fertility or the unborn child.
Specific Target Organ Toxicity - Repeated Exposure -  H373 May cause damage to organs through prolonged or repeated exposure.

Eye Irritation - Category 2A  H319 Causes serious eye irritation.
Skin Sensitizer - Category 1  H317 May cause an allergic skin reaction.
Specific Target Organ Toxicity - Single Exposure -  H336 May cause drowsiness or dizziness.

Label elements
- GHS label elements: The product is classified and labeled according to the Globally Harmonized System (GHS).
- Signal word: Danger

Hazard-determining components of labeling:
- butanone
- n-hexane
- ethylbenzene

Hazard statements:
- Extremely flammable aerosol.
- Contains gas under pressure; may explode if heated.
- Causes serious eye irritation.
- May cause an allergic skin reaction.
- 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.

Precautionary statements:
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Do not pierce or burn, even after use.
- Do not breathe mist/vapors/spray.
- Do not spray on an open flame or other ignition source.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Keep container tightly closed.
- Wash thoroughly after handling.
- Use only outdoors or in a well-ventilated area.
- Contaminated work clothing should not be allowed out of the workplace.
- Obtain special instructions before use.
- Do not handle until all safety precautions have been read and understood.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF exposed or concerned: Get medical advice/attention.
- If skin irritation or rash occurs: Get medical advice/attention.
- If eye irritation persists: Get medical advice/attention.
- Get medical advice/attention if you feel unwell.
- IF ON SKIN: Wash with plenty of water.
- Take off contaminated clothing and wash it before reuse.
- Store locked up.

(Contd. on page 3)
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Store in a well-ventilated place. Dispose of contents/container in accordance with local/regional/national/international regulations.

- **NFPA ratings (scale 0 - 4):**
  - Health = 1
  - Fire = 4
  - Reactivity = 1

### 3 Composition/information on ingredients

- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

#### Dangerous components:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>78-93-3 butanone</td>
<td>30-60% w/w</td>
</tr>
<tr>
<td>74-98-6 propane</td>
<td>10-30% w/w</td>
</tr>
<tr>
<td>106-97-8 butane</td>
<td>≤10% w/w</td>
</tr>
<tr>
<td>75-28-5 isobutane</td>
<td>≤10% w/w</td>
</tr>
<tr>
<td>64742-47-8 Distillates (petroleum), hydrotreated light</td>
<td>1-5% w/w</td>
</tr>
<tr>
<td>110-54-3 n-hexane</td>
<td>≤5% w/w</td>
</tr>
<tr>
<td>1330-20-7 xylene</td>
<td>1-5% w/w</td>
</tr>
<tr>
<td>100-41-4 ethylbenzene</td>
<td>0.1-1% w/w</td>
</tr>
</tbody>
</table>

- **Additional information:** Exact concentrations and/or compositions are being withheld as trade secrets.

### 4 First-aid measures

- **General information:** Symptoms of poisoning may even occur after several hours.
- **After inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.
- **After skin contact:** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or a rash occurs: Get medical advice/attention.
- **After eye contact:** 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.
- **After swallowing:** Do not induce vomiting. Immediately call a poison center/doctor.
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:** No further relevant information available.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:** CO2, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:** No further relevant information available.
6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
  Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
  Do not allow product to reach sewage system or any water course.
  Inform respective authorities in case of seepage into water course or sewage system.
  Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
  Dispose contaminated material as waste according to item 13.
  Ensure adequate ventilation.
  Do not flush with water or aqueous cleansing agents
- **Reference to other sections:**
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- **Handling**
  - **Precautions for safe handling:**
    Ensure good ventilation/exhaustion at the workplace.
    Open and handle receptacle with care.
  - **Information about protection against explosions and fires:**
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.
    Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights. Do not pierce or burn, even after use.
    Do not spray on a naked flame or any incandescent material.
- **Storage**
  - **Requirements to be met by storerooms and receptacles:**
    Store in a cool location.
    Observe official regulations on storing packagings with pressurized containers.
  - **Information about storage in one common storage facility:**
    Not required.
  - **Further information about storage conditions:**
    Keep receptacle tightly sealed.
    Do not gas tight seal receptacle.
    Store in cool, dry conditions in well sealed receptacles.
    Protect from heat and direct sunlight.
- **Specific end use(s):**
  No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical systems:**
  No further data; see item 7.
### Components with limit values that require monitoring at the workplace:

#### 78-93-3 butanone
- **EL (Canada)**
  - Short-term value: 100 ppm
  - Long-term value: 50 ppm
- **EV (Canada)**
  - Short-term value: 885 mg/m³, 300 ppm
  - Long-term value: 590 mg/m³, 200 ppm
- **PEL (USA)**
  - Long-term value: 590 mg/m³, 200 ppm
- **REL (USA)**
  - Short-term value: 885 mg/m³, 300 ppm
  - Long-term value: 590 mg/m³, 200 ppm
- **TLV (USA)**
  - Short-term value: 885 mg/m³, 300 ppm
  - Long-term value: 590 mg/m³, 200 ppm
- **BEI**

#### 74-98-6 propane
- **EL (Canada)**
  - Long-term value: 1000 ppm
- **EV (Canada)**
  - Long-term value: 1.000 ppm
- **PEL (USA)**
  - Long-term value: 1800 mg/m³, 1000 ppm
- **REL (USA)**
  - Long-term value: 1800 mg/m³, 1000 ppm
- **TLV (USA)**
  - Short-term value: (2370) mg/m³, (1000) ppm
  - NIC-EX

#### 106-97-8 butane
- **EL (Canada)**
  - Short-term value: 750 ppm
  - Long-term value: 600 ppm
- **EV (Canada)**
  - Long-term value: 800 ppm
- **REL (USA)**
  - Long-term value: 1900 mg/m³, 800 ppm
- **TLV (USA)**
  - Short-term value: (2370) mg/m³, (1000) ppm
  - NIC-EX

#### 75-28-5 isobutane
- **EV (Canada)**
  - Long-term value: 800 ppm
- **TLV (USA)**
  - Short-term value: (2370) mg/m³, (1000) ppm
  - NIC-EX

#### 64742-47-8 Distillates (petroleum), hydrotreated light
- **EL (Canada)**
  - Long-term value: 200 mg/m³
  - Skin

#### 110-54-3 n-hexane
- **EL (Canada)**
  - Long-term value: 20 ppm
  - Skin
- **EV (Canada)**
  - Long-term value: 176 mg/m³, 50 ppm
- **PEL (USA)**
  - Long-term value: 1800 mg/m³, 500 ppm
- **REL (USA)**
  - Long-term value: 180 mg/m³, 50 ppm
- **TLV (USA)**
  - Long-term value: 176 mg/m³, 50 ppm
  - Skin; BEI

#### 1330-20-7 xylene
- **EL (Canada)**
  - Short-term value: 150 ppm
  - Long-term value: 100 ppm
- **EV (Canada)**
  - Short-term value: 650 mg/m³, 150 ppm
  - Long-term value: 435 mg/m³, 100 ppm
### Trade name: CANTESCO® PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)

<table>
<thead>
<tr>
<th></th>
<th>Long-term value:</th>
<th>Short-term value:</th>
<th>Long-term value:</th>
</tr>
</thead>
<tbody>
<tr>
<td>PEL (USA)</td>
<td>435 mg/m³, 100 ppm</td>
<td>655 mg/m³, 150 ppm</td>
<td>435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>434 mg/m³, 100 ppm</td>
<td>651 mg/m³, 150 ppm</td>
<td>434 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>431 mg/m³, 100 ppm</td>
<td>651 mg/m³, 150 ppm</td>
<td>434 mg/m³, 100 ppm</td>
</tr>
</tbody>
</table>

**100-41-4 ethylbenzene**

<table>
<thead>
<tr>
<th></th>
<th>Long-term value:</th>
<th>Short-term value:</th>
<th>Long-term value:</th>
</tr>
</thead>
<tbody>
<tr>
<td>EL (Canada)</td>
<td>20 ppm</td>
<td>540 mg/m³, 125 ppm</td>
<td>435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>PEL (USA)</td>
<td>435 mg/m³, 100 ppm</td>
<td>545 mg/m³, 125 ppm</td>
<td>435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>REL (USA)</td>
<td>435 mg/m³, 100 ppm</td>
<td>545 mg/m³, 125 ppm</td>
<td>435 mg/m³, 100 ppm</td>
</tr>
<tr>
<td>TLV (USA)</td>
<td>87 mg/m³, 20 ppm</td>
<td>545 mg/m³, 125 ppm</td>
<td>435 mg/m³, 100 ppm</td>
</tr>
</tbody>
</table>

**78-93-3 butanone**

<table>
<thead>
<tr>
<th></th>
<th>BEI (USA) 2 mg/L</th>
<th>BEI (USA) 0.4 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium:</td>
<td>urine</td>
<td>urine</td>
</tr>
<tr>
<td>Time:</td>
<td>end of shift</td>
<td>end of shift at end of workweek</td>
</tr>
<tr>
<td>Parameter:</td>
<td>MEK</td>
<td>2.5-Hexanedione without hydrolysis</td>
</tr>
</tbody>
</table>

**110-54-3 n-hexane**

<table>
<thead>
<tr>
<th></th>
<th>BEI (USA) 1.5 g/g creatinine</th>
<th>BEI (USA) 0.4 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium:</td>
<td>urine</td>
<td>urine</td>
</tr>
<tr>
<td>Time:</td>
<td>end of shift</td>
<td>end of shift at end of workweek</td>
</tr>
<tr>
<td>Parameter:</td>
<td>Methylhippuric acids</td>
<td>2.5-Hexanedione without hydrolysis</td>
</tr>
</tbody>
</table>

**1330-20-7 xylene**

<table>
<thead>
<tr>
<th></th>
<th>BEI (USA) 0.7 g/g creatinine</th>
<th>BEI (USA) 1.5 g/g creatinine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium:</td>
<td>urine</td>
<td>urine</td>
</tr>
<tr>
<td>Time:</td>
<td>end of shift</td>
<td>end of shift at end of workweek</td>
</tr>
<tr>
<td>Parameter:</td>
<td>Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi-quantitative)</td>
<td>2.5-Hexanedione without hydrolysis</td>
</tr>
</tbody>
</table>

* Additional information: The lists that were valid during the creation were used as basis.

* Personal protective equipment

* General protective and hygienic measures:

  - Keep away from foodstuffs, beverages and feed.
  - Immediately remove all soiled and contaminated clothing.
  - Wash hands before breaks and at the end of work.
  - Avoid contact with the eyes and skin.
### 9 Physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Form</strong></td>
<td>Liquid Under Pressure</td>
</tr>
<tr>
<td><strong>Color</strong></td>
<td>Grey</td>
</tr>
<tr>
<td><strong>Odor</strong></td>
<td>Solvent-like</td>
</tr>
<tr>
<td><strong>Odor threshold</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>pH-value</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Change in condition</strong></td>
<td></td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined.</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>69 °C</td>
</tr>
<tr>
<td><strong>Flash point</strong></td>
<td>-27 °C</td>
</tr>
<tr>
<td><strong>Flammability (solid, gaseous)</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Ignition temperature</strong></td>
<td>210 °C</td>
</tr>
<tr>
<td><strong>Decomposition temperature</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Auto igniting</strong></td>
<td>Product is not selfigniting.</td>
</tr>
<tr>
<td><strong>Danger of explosion</strong></td>
<td>Product is not explosive. However, formation of explosive air/vapor mixtures are possible.</td>
</tr>
<tr>
<td><strong>Explosion limits</strong></td>
<td></td>
</tr>
<tr>
<td>Lower</td>
<td>1.5 Vol %</td>
</tr>
<tr>
<td>Upper</td>
<td>11.5 Vol %</td>
</tr>
<tr>
<td><strong>Vapor pressure at 20 °C:</strong></td>
<td>8300 hPa</td>
</tr>
<tr>
<td><strong>Density at 20 °C:</strong></td>
<td>0.91 g/cm³</td>
</tr>
<tr>
<td><strong>Relative density:</strong></td>
<td>Not determined.</td>
</tr>
<tr>
<td><strong>Vapor density at 20 °C:</strong></td>
<td>2.970 g/cm³</td>
</tr>
<tr>
<td><strong>Evaporation rate:</strong></td>
<td>Not applicable.</td>
</tr>
<tr>
<td><strong>Solubility in / Miscibility with Water:</strong></td>
<td>Not miscible or difficult to mix.</td>
</tr>
<tr>
<td><strong>Partition coefficient (n-octanol/water):</strong></td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
Trade name: CANTESCO® PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)

- Viscosity:
  - Dynamic: Not determined.
  - Kinematic: Not determined.

- Solvent content:
  - Organic solvents: 110.9 %
  - VOC content: 120.9 %
  - 1100.2 g/l / 9.18 lb/gl

- Other information
  - No further relevant information available.

10 Stability and reactivity

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions: Reacts with oxidizing agents.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- Information on toxicological effects:
  - Acute toxicity

  78-93-3 butanone

  Oral LD50 3300 mg/kg (rat)
  Dermal LD50 5000 mg/kg (rabbit)

- Specific symptoms in biological assay: No further relevant information available.
- Primary irritant effect
  - on the skin: Irritant to skin and mucous membranes.
  - on the eye: Irritating effect.
- Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:
  - The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

- Carcinogenic categories

  - IARC (International Agency for Research on Cancer)
    1330-20-7 xylene 3
    100-41-4 ethylbenzene 2B

  - NTP (National Toxicology Program)
    None of the ingredients is listed.

12 Ecological information

- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behavior in environmental systems
- Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Ecotoxicity:

Remark: Very toxic for fish

Additional ecological information

General Notes:
Also poisonous for fish and plankton in water bodies.
Very toxic for aquatic organisms
Water hazard class 2 (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

Other adverse effects: No further relevant information available.

13 Disposal Considerations

Waste treatment methods
Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings
Recommendation:
Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

14 Transport Information

UN-Number
DOT, TDG, IMDG, IATA UN1950

UN proper shipping name
DOT Aerosols, flammable
TDG 1950 Aerosols
IMDG AEROSOLS
IATA AEROSOLS, flammable

Transport hazard class(es)

DOT

Class 2.1
Label 2.1

TDG (Transport dangerous goods):

Class 2 5F Gases
| **Class** | 2.1 |
| **Packing group** | 2.1 |
| **DOT, TDG, IMDG, IATA** | Not regulated |
| **Environmental hazards:** | |
| **Marine pollutant:** | Yes |
| **Special precautions for user:** | Warning: Gases |
| **Danger code (Kemler):** | F-D-S-U |
| **EMS Number:** | SW1 Protected from sources of heat. |
| **Stowage Code** | SW2 For AEROSOLS with a capacity above 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. |
| **Segregation Code** | SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2. |
| **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** | Not applicable. |
| **Transport/Additional information:** | |
| **DOT** | |
| **Quantity limitations** | On passenger aircraft/rail: 75 kg |
| | On cargo aircraft only: 150 kg |
| **Remarks:** | This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met. |
| **TDG** | |
| **Excepted quantities (EQ)** | Code: E0 |
| | Not permitted as Excepted Quantity |
| **Remarks:** | This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met. |
| **IMDG** | |
| **Limited quantities (LQ)** | 1L |
| **Excepted quantities (EQ)** | Code: E0 |
| | Not permitted as Excepted Quantity |
Trade name: CANTESCO® PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)

- Remarks: This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
- IATA
  - Remarks: This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
- UN "Model Regulation": UN 1950 AEROSOLS, 2.1

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
    - Section 355 (extremely hazardous substances):
      None of the ingredients is listed.
    - Section 313 (Specific toxic chemical listings):
      - 78-93-3 butanone
      - 110-54-3 n-hexane
      - 1330-20-7 xylene
      - 100-41-4 ethylbenzene
  - TSCA (Toxic Substances Control Act):
    All ingredients are listed or exempted
  - Proposition 65
    - Chemicals known to cause cancer:
      - 100-41-4 ethylbenzene
    - Chemicals known to cause reproductive toxicity for females:
      None of the ingredients is listed.
    - Chemicals known to cause reproductive toxicity for males:
      None of the ingredients is listed.
    - Chemicals known to cause developmental toxicity:
      None of the ingredients is listed.
  - Canadian substance listings
    - Canadian Domestic Substances List (DSL/NDSL):
      All ingredients are listed.
    - Canadian Ingredient Disclosure list (limit 0.1%):
      - 100-41-4 ethylbenzene
    - Canadian Ingredient Disclosure list (limit 1%):
      - 78-93-3 butanone
      - 106-97-8 butane
      - 110-54-3 n-hexane
  - GHS label elements
    The product is classified and labeled according to the Globally Harmonized System (GHS).

(Contd. on page 12)
Trade name: CANTESCO® PREMIUM ZINC RICH SPRAY GALV (MATTE FINISH)

- Hazard pictograms
  
  - GHS02
  - GHS04
  - GHS07
  - GHS08

- Signal word Danger

- Hazard-determining components of labeling:
  - butanone
  - n-hexane
  - ethylbenzene

- Hazard statements
  - Extremely flammable aerosol.
  - Contains gas under pressure; may explode if heated.
  - Causes serious eye irritation.
  - May cause an allergic skin reaction.
  - 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.

- Precautionary statements
  - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
  - Do not pierce or burn, even after use.
  - Do not breathe mist/vapors/spray.
  - Do not spray on an open flame or other ignition source.
  - Wear protective gloves/protective clothing/eye protection/face protection.
  - Keep container tightly closed.
  - Wash thoroughly after handling.
  - Use only outdoors or in a well-ventilated area.
  - Contaminated work clothing should not be allowed out of the workplace.
  - Obtain special instructions before use.
  - Do not handle until all safety precautions have been read and understood.
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
  - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
  - IF exposed or concerned: Get medical advice/attention.
  - If skin irritation or rash occurs: Get medical advice/attention.
  - If eye irritation persists: Get medical advice/attention.
  - Get medical advice/attention if you feel unwell.
  - IF ON SKIN: Wash with plenty of water.
  - Take off contaminated clothing and wash it before reuse.
  - Store locked up.
  - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
  - Store in a well-ventilated place.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

16 Other information

This SDS format meets ANSI Z400.1-2010, OSHA 1910.1200 and WHMIS requirements. Kemper System America, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are

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- **Department issuing SDS:** Product safety department
- **Contact:** Stephen Nowicki
- **Date of preparation / last revision** 01/19/2018 / -

**Abbreviations and acronyms:**
- IMDG: International Maritime Code for Dangerous Goods
- DOT: US Department of Transportation
- IATA: International Air Transport Association
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- NFPA: National Fire Protection Association (USA)
- VOC: Volatile Organic Compounds (USA, EU)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent