

Printing date 10/27/2023

Reviewed on 10/27/2023

## 1 Identification

- **Product identifier:** QP-16-A
- **Trade name:** CANTESCO® QUICK PROTECT ANTISPATTER
- **Item number(s):** QP-16-A
- **SDS Number:** 562
- **Application of the substance / the mixture** ANTI-SPATTER
- **Manufacturer/Supplier:**  
WWW.CANTESCO.COM
  
- USA ADDRESS:  
KEMPER SYSTEM AMERICA, INC.  
1200 NORTH AMERICA DR,  
WEST SENECA, NY 14224  
PH (716) 558-2971
  
- CANADIAN ADDRESS:  
ASTARAS CANADA, INC.  
4-7075 EDWARDS BLVD  
MISSISSAUGA, ONTARIO, L5S 1Z2  
PH (905) 624-5463
  
- **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 identification

- **Classification of the substance or mixture:**



GHS02 Flame

Flammable Aerosols - Category 1

H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.



GHS04 Gas cylinder

Gases Under Pressure - Compressed Gas H280

Contains gas under pressure; may explode if heated.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Signal word:** Danger
- **Hazard statements:**  
H222-H229 Extremely flammable aerosol.  
H280 Contains gas under pressure; may explode if heated.
- **Precautionary statements:**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P410+P403 Protect from sunlight. Store in a well-ventilated place.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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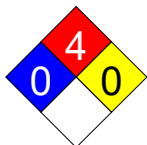
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- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4):**



Health = 0  
Fire = 4  
Reactivity = 0

### 3 Composition/Information on ingredients

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

- **Dangerous components:**

|          |           |              |
|----------|-----------|--------------|
| 106-97-8 | butane    | 45-70% w/w * |
| 74-98-6  | propane   | 10-30% w/w * |
| 75-28-5  | isobutane | 3-7% w/w *   |

\* Actual concentration ranges are withheld as a trade secret.

### 4 First-aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **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:** Call a poison center/doctor if you feel unwell. Rinse mouth.
- **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:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:** Carbon monoxide (CO)
- **Protective equipment:** No special measures required.

### 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.
- **Methods and material for containment and cleaning up:**  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents

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· **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:** 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:**

**106-97-8 butane**

|             |  |
|-------------|--|
| EL (Canada) | STEL: 1000 ppm<br>EX                   |
| EV (Canada) | TWA: 800 ppm<br>revoked as of 01/01/18 |
| REL (USA)   | TWA: 1900 mg/m <sup>3</sup> , 800 ppm  |
| TLV (USA)   | STEL: 1000 ppm<br>(EX)                 |

**74-98-6 propane**

|             |  |
|-------------|--|
| EL (Canada) | Simple asphyxiant; EX                          |
| EV (Canada) | TWA: 1,000 ppm<br>revoked as of 01/01/18       |
| PEL (USA)   | TWA: 1800 mg/m <sup>3</sup> , 1000 ppm         |
| REL (USA)   | TWA: 1800 mg/m <sup>3</sup> , 1000 ppm         |
| TLV (USA)   | see Appendix F Minimal oxygen content ( D, EX) |

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**75-28-5 isobutane**

|             |  |
|-------------|--|
| EL (Canada) | STEL: 1000 ppm<br>EX                   |
| EV (Canada) | TWA: 800 ppm<br>revoked as of 01/01/18 |
| TLV (USA)   | STEL: 1000 ppm<br>(EX)                 |

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:** Wash hands before breaks and at the end of work.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**  
Gloves should be selected based on mechanical hazards in the work area.  
Oil resistant gloves
- **Material of gloves:**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Eye protection:** Safety glasses

## 9 Physical and chemical properties

|   |  |
|---|--|
| · <b>Form:</b>                          | Aerosol  |
| · <b>Color:</b>                         | Light yellow   |
| · <b>Odor:</b>                          | Odorless   |
| · <b>Odor threshold:</b>                | Not determined.  |
| · <b>pH-value:</b>                      | Not determined.  |
| · <b>Change in condition</b>            |  |
| <b>Melting point/Melting range:</b>     | Undetermined.  |
| <b>Boiling point/Boiling range:</b>     | Not applicable, as aerosol.  |
| · <b>Flash point:</b>                   | -97 °C   |
| · <b>Flammability (solid, gaseous):</b> | Not applicable.  |
| · <b>Auto igniting:</b>                 | 365 °C   |
| · <b>Decomposition temperature:</b>     | Not determined.  |
| · <b>Ignition temperature:</b>          | Product is not selfigniting.   |
| · <b>Danger of explosion:</b>           | Product is not explosive. However, formation of explosive air/vapor mixtures are possible. |
| · <b>Explosion limits</b>               |  |
| <b>Lower:</b>                           | 1.5 Vol %  |
| <b>Upper:</b>                           | 10.9 Vol %   |
| · <b>Vapor pressure at 20 °C:</b>       | 8,300 hPa  |
| · <b>Density at 20 °C:</b>              | 0.56 g/cm <sup>3</sup>   |
| · <b>Relative density:</b>              | Not determined.  |
| · <b>Vapor density:</b>                 | Not determined.  |
| · <b>Evaporation rate:</b>              | Not applicable.  |

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- |   |  |
|---|--|
| <b>· Solubility in / Miscibility with Water:</b>  | Not miscible or difficult to mix.          |
| <b>· Partition coefficient (n-octanol/water):</b> | Not determined.                            |
| <b>· Viscosity:</b>                               |  |
| <b>Dynamic:</b>                                   | Not determined.                            |
| <b>Kinematic:</b>                                 | Not determined.                            |
| <b>· Solvent content:</b>                         |  |
| <b>VOC content:</b>                               | 91.50 %<br>512.4 g/l / 4.28 lb/gal         |
| <b>· Other information</b>                        | 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 strong 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**
  - **LD/LC50 values that are relevant for classification:**
- |                        |          |                |
|------------------------|----------|----------------|
| <b>106-97-8 butane</b> |          |                |
| Inhalative             | LC50/4 h | 658 mg/l (rat) |
- **Specific symptoms in biological assay:** No further relevant information available.
  - **Primary irritant effect**
  - **on the skin:** No irritant effect.
  - **on the eye:** No irritating effect.
  - **Sensitization:** No sensitizing effects known.
  - **Additional toxicological information:**
  - **Carcinogenic categories**

|   |
|---|
| <b>· IARC (International Agency for Research on Cancer)</b> |
|---|

|                                    |
|------------------------------------|
| None of the ingredients is listed. |
|------------------------------------|

|  |
|--|
| <b>· NTP (National Toxicology Program)</b> |
|--|

|                                    |
|------------------------------------|
| 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.

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- **Additional ecological information**
- **General notes:** Not hazardous for water.
- **Other adverse effects:** No further relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- **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, ADR, IMDG, IATA**                      UN1950
- **UN proper shipping name**
- **DOT/TDG**    Aerosols, flammable
- **ADR**    1950 Aerosols
- **IMDG**     AEROSOLS
- **IATA**    AEROSOLS, flammable

- **Transport hazard class(es)**
- **DOT/TDG (Transport dangerous goods):**



- **Class**    2.1 Gases
- **Label**    2.1

- **ADR**



- **Class**    2.5F Gases
- **Label**    2.1

- **IMDG, IATA**



- **Class**    2.1 Gases
- **Label**    2.1

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|   |   |
|---|---|
| · <b>Packing group</b><br>· <b>DOT/TDG, ADR, IMDG, IATA</b>   | Not regulated   |
| · <b>Environmental hazards:</b>   | Not applicable.   |
| · <b>Special precautions for user:</b><br>· <b>Hazard identification number (Kemler code):</b> -<br>· <b>EMS Number:</b><br>· <b>Stowage Code</b> | Warning: Gases<br>F-D,S-U<br>SW1 Protected from sources of heat.<br>SW22 For AEROSOLS with a maximum capacity of 1 litre:<br>Category A. For AEROSOLS with a capacity above 1 litre:<br>Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.   |
| · <b>Segregation Code</b>   | SG69 For AEROSOLS with a maximum capacity of 1 litre:<br>Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.<br>For AEROSOLS with a capacity above 1 litre:<br>Segregation as for the appropriate subdivision of class 2.<br>For WASTE AEROSOLS:<br>Segregation as for the appropriate subdivision of class 2. |
| · <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:</b>   | Not applicable.   |
| · <b>Transport/Additional information:</b><br>· <b>DOT/TDG</b><br>· <b>Quantity limitations</b>   | On passenger aircraft/rail: 75 kg<br>On cargo aircraft only: 150 kg   |
| · <b>ADR</b><br>· <b>Excepted quantities (EQ)</b>   | Code: E0<br>Not permitted as Excepted Quantity  |
| · <b>IMDG</b><br>· <b>Limited quantities (LQ)</b><br>· <b>Excepted quantities (EQ)</b>  | 1L<br>Code: E0<br>Not permitted as Excepted Quantity  |
| · <b>UN "Model Regulation":</b>   | UN 1950 AEROSOLS, 2.1   |

### 15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No further relevant information available.

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed or exempted

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**· Proposition 65**
**· Chemicals known to cause cancer:**

None of the ingredients is listed.

**· 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 Non-Domestic Substances List (NDSL)**

None of the ingredients is listed.

**· Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed.

**· Canadian Ingredient Disclosure list (limit 1%):**

106-97-8 | butane

**· GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

**· Hazard pictograms**


GHS02    GHS04

**· Signal word** Danger

**· Hazard statements**

H222-H229 Extremely flammable aerosol.

H280        Contains gas under pressure; may explode if heated.

## 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 beyond the control of Kemper System America, Inc. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made. Kemper System America, Inc is an ISO 9001:2015 and ISO 14001:2015 registered company.

**· Department issuing SDS:** Product safety department

**· Contact:** Stephen Nowicki

**· Date of the latest revision of the safety data sheet** 10/27/2023

**· 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

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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

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