



## SAFETY DATA SHEET Cola®Quat CBC

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

### 1. Identification

#### Product identifier

**Product name** Cola®Quat CBC  
**Product number** 3746  
**INCI Name** Cetearyl Alcohol (and) Stearalkonium Chloride (and) Propylene Glycol (and) Lactic Acid

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

**Application** Surfactant  
**Uses advised against** No specific uses advised against are identified.

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

**Manufacturer** Colonial Chemical, Inc.  
225 Colonial Drive  
South Pittsburg, TN 37380  
U.S.A.  
+1 (423) 837-8800

#### Emergency telephone number

**Emergency telephone** Toll free (in USA, Canada, Puerto Rico, Virgin Islands only): 1-800-424-9300  
Direct dial: +1 703-527-3887

### 2. Hazard(s) identification

#### Classification of the substance or mixture

**Physical hazards** Combustible Dust - USH01  
**Health hazards** Skin Corr. 1C - H314 Eye Dam. 1 - H318  
**Environmental hazards** Not Classified

#### Label elements

##### Hazard symbols



**Signal word** Danger

**Hazard statements** USH01 May form combustible dust concentrations in air.  
H314 Causes severe skin burns and eye damage.

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<b>Precautionary statements</b>	P260 Do not breathe dust.
	P264 Wash contaminated skin thoroughly after handling.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
	P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
	P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.
	P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P310 Immediately call a poison center/ doctor.
	P321 Specific treatment (see medical advice on this label).
	P363 Wash contaminated clothing before reuse.
P405 Store locked up.	
P501 Dispose of contents/ container in accordance with national regulations.	

**Contains** Benzenemethanaminium, N,N-dimethyl-N-octadecyl-, chloride (1:1), Lactic acid

### Other hazards

This product does not contain any substances classified as PBT or vPvB.

### 3. Composition/information on ingredients

#### Mixtures

<b>Alcohols, C16-18</b>	<b>60-100%</b>
CAS number: 67762-27-0	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
<b>Benzenemethanaminium, N,N-dimethyl-N-octadecyl-, chloride (1:1)</b>	<b>10-30%</b>
CAS number: 122-19-0	
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Corr. 1C - H314	
Eye Dam. 1 - H318	
<b>Lactic acid</b>	<b>1-5%</b>
CAS number: 50-21-5	
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	

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<b>propylene oxide</b>	<b>&lt;0.01%</b>
CAS number: 75-56-9	
<b>Classification</b>	
Flam. Liq. 1 - H224	
Acute Tox. 4 - H302	
Acute Tox. 4 - H312	
Acute Tox. 4 - H332	
Skin Irrit. 2 - H315	
Eye Irrit. 2A - H319	
Muta. 1B - H340	
Carc. 1B - H350	
STOT SE 3 - H335	
<b>benzyl chloride</b>	<b>&lt;0.01%</b>
CAS number: 100-44-7	
<b>Classification</b>	
Acute Tox. 4 - H302	
Acute Tox. 3 - H331	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Carc. 1B - H350	
STOT SE 3 - H335	
STOT RE 2 - H373	

The full text for all hazard statements is displayed in Section 16.

**Composition comments**      \* The identity or exact percentage is withheld as a trade secret.

#### 4. First-aid measures

##### Description of first aid measures

<b>General information</b>	Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel. Chemical burns must be treated by a physician.
<b>Inhalation</b>	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. Rinse nose and mouth with water. Never give anything by mouth to an unconscious person. Get medical attention if symptoms are severe or persist.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Get medical attention.
<b>Skin Contact</b>	It is important to remove the substance from the skin immediately. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes and get medical attention. Chemical burns must be treated by a physician.
<b>Eye contact</b>	Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention.
<b>Protection of first aiders</b>	It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
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<b>Inhalation</b>	A single exposure may cause the following adverse effects: Severe irritation of nose and throat. Symptoms following overexposure may include the following: Corrosive to the respiratory tract.
<b>Ingestion</b>	May cause chemical burns in mouth, esophagus and stomach. Symptoms following overexposure may include the following: Severe stomach pain. Nausea, vomiting.
<b>Skin contact</b>	Causes severe burns. Symptoms following overexposure may include the following: Pain or irritation. Redness. Blistering may occur.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

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

**Notes for the doctor** Treat symptomatically.

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media** The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

#### Special hazards arising from the substance or mixture

**Specific hazards** Severe corrosive hazard. Water used for fire extinguishing, which has been in contact with the product, may be corrosive.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Very toxic or corrosive gases or vapors.

#### Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

**Special protective equipment for firefighters** Regular protection may not be safe. Wear chemical protective suit. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves will provide a basic level of protection for chemical incidents.

### 6. Accidental release measures

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

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk. Do not touch or walk into spilled material. Avoid inhalation of dust. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes.

#### Environmental precautions

**Environmental precautions** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms. Avoid discharge to the aquatic environment.

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

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<b>Methods for cleaning up</b>	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. This product is corrosive. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.
<b>Reference to other sections</b>	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

### 7. Handling and storage

#### Precautions for safe handling

<b>Usage precautions</b>	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. This product is corrosive. Immediate first aid is imperative. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.
<b>Advice on general occupational hygiene</b>	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.

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

<b>Storage precautions</b>	Store away from incompatible materials (see Section 10). Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.
<b>Storage class</b>	Corrosive storage.
<b>Specific end uses(s)</b>	
<b>Specific end use(s)</b>	The identified uses for this product are detailed in Section 1.

### 8. Exposure controls/Personal protection

#### Control parameters

#### Occupational exposure limits

##### **propylene oxide**

Long-term exposure limit (8-hour TWA): OSHA 100 ppm 240 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 2 ppm 4.8 mg/m<sup>3</sup>

A3, DSens

##### **benzyl chloride**

Long-term exposure limit (8-hour TWA): OSHA 1 ppm 5 mg/m<sup>3</sup>

Long-term exposure limit (8-hour TWA): ACGIH 1 ppm 5.2 mg/m<sup>3</sup>

A3

OSHA = Occupational Safety and Health Administration.

ACGIH = American Conference of Governmental Industrial Hygienists.

A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

DSens = Dermal sensitizer.

#### benzyl chloride (CAS: 100-44-7)

**Immediate danger to life and health** 10 ppm

#### propylene oxide (CAS: 75-56-9)

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**Immediate danger to life and health** 400 ppm

### Exposure controls

#### Protective equipment



#### Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients.

#### Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

#### Hand protection

Wear protective gloves. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

#### Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

#### Hygiene measures

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

#### Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.

#### Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	Waxy solid.
Color	White.
Odor	Characteristic.
Odor threshold	Not available.
pH (5% aqueous)	3.0 – 5.0
Melting point	59 - 63°C/138 - 145°F
Initial boiling point and range	>150°C/302°F
Flash point	> 150°C/302°F Pensky-Martens closed cup.
Evaporation rate	Not available.
Flammability (solid, gas)	Not flammable.

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<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	0.5g/cm <sup>3</sup> @ 25°C
<b>Solubility(ies)</b>	Dispersible in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Explosive properties</b>	Not available.
<b>Oxidizing properties</b>	Not applicable.
<b>Other information</b>	None.
<b>Volatile organic compound</b>	Not available.
<b>Surface Tension</b>	Not available.
<b>% Solids</b>	Not available.

### 10. Stability and reactivity

<b>Reactivity</b>	See the other subsections of this section for further details.
<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
<b>Materials to avoid</b>	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Corrosive gases or vapors.

### 11. Toxicological information

#### Information on toxicological effects

##### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 2,173.91

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

##### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** Based on available data the classification criteria are not met.

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### Skin corrosion/irritation

**Skin corrosion/irritation** Corrosive to skin.

### Serious eye damage/irritation

**Serious eye damage/irritation** Eye Dam. 1 - H318 Corrosive to skin. Corrosivity to eyes is assumed.

### Respiratory sensitization

**Respiratory sensitization** Based on available data the classification criteria are not met.

### Skin sensitization

**Skin sensitization** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Genotoxicity - in vitro** Based on available data the classification criteria are not met.

### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

### IARC carcinogenicity

Contains a substance which has been shown to cause cancer in laboratory animals. IARC Group 2A Probably carcinogenic to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

### Reproductive toxicity - development

Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** Not classified as a specific target organ toxicant after a single exposure.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not relevant. Solid.

### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### Inhalation

Corrosive to the respiratory tract. Symptoms following overexposure may include the following: Severe irritation of nose and throat.

### Ingestion

May cause chemical burns in mouth, esophagus and stomach. Symptoms following overexposure may include the following: Severe stomach pain. Nausea, vomiting.

### Skin Contact

Causes severe burns. Symptoms following overexposure may include the following: Pain or irritation. Redness. Blistering may occur.

### Eye contact

Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

### Route of exposure

Ingestion Inhalation Skin and/or eye contact

### Target Organs

No specific target organs known.

## 12. Ecological information

### Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

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**Toxicity** Based on available data the classification criteria are not met.

### Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Bioaccumulative potential

**Bio-Accumulative Potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

### Mobility in soil

**Mobility** No data available.

### Other adverse effects

**Other adverse effects** None known.

## 13. Disposal considerations

### Waste treatment methods

**General information** The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

## 14. Transport information

**General** This product may be consigned under the Limited Quantity or Excepted Quantity provisions.

**Sea transport notes** Class 8: Limited quantity packaging is maximum 1 L or 1 kg (PG II) and 5 L or 5 kg (PG III) net, and not to exceed 30 kg gross. Excepted quantity package is maximum 30 ml or 30 g (inner) and either 500 g (PG II) or 1000 g (PG III) gross.

**Air transport notes** Class 8: Limited quantity packaging is maximum 0.5 L or 0.5 kg (PG II) and 1.0 L or 1.0 kg (PG III) net and not to exceed 30 kg gross. Excepted quantity package is maximum 30 ml or 30 g (inner) and either 500 g (PG II) or 1000 g (PG III) gross. These limits apply to both passenger and cargo aircraft.

**DOT transport notes** Class 8: Corrosive material is excepted under limited quantity provisions if shipped by ground, does not contain a marine pollutant, and packaging does not exceed 1 L inner / 1 kg gross (PG II) or 5 L inner / 5 kg gross (PG III).

### UN Number

**UN No. (TDG)** 1759

**UN No. (IMDG)** 1759

**UN No. (ICAO)** 1759

**UN No. (DOT)** UN1759

### UN proper shipping name

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**Proper shipping name (TDG)** CORROSIVE SOLIDS, N.O.S. (CONTAINS Stearalkonium Chloride)

**Proper shipping name (IMDG)** CORROSIVE SOLIDS, N.O.S. (CONTAINS Stearalkonium Chloride)

**Proper shipping name (ICAO)** CORROSIVE SOLIDS, N.O.S. (CONTAINS Stearalkonium Chloride)

**Proper shipping name (DOT)** CORROSIVE SOLIDS, N.O.S. (CONTAINS Stearalkonium Chloride)

### Transport hazard class(es)

**DOT hazard class** 8

**DOT hazard label** 8

**TDG class** 8

**TDG label(s)** 8

**IMDG Class** 8

**ICAO class/division** 8

### Transport labels



### DOT transport labels



### Packing group

**TDG Packing Group** III

**IMDG packing group** III

**ICAO packing group** III

**DOT packing group** III

### Environmental hazards

**Environmentally Hazardous Substance**

No.

### Special precautions for user

**DOT reportable quantity** RQ: Propylene oxide (1000000 lbs), RQ: Benzyl chloride (1000000 lbs)

## 15. Regulatory information

### US Federal Regulations

#### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The following ingredients are listed or exempt:

*propylene oxide*

EPCRA 302 TPQ 10000 lbs Tier II TPQ 500 lbs

*benzyl chloride*

EPCRA 302 TPQ 500 lbs Tier II TPQ 500 lbs

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### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The following ingredients are listed or exempt:

*propylene oxide*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

*benzyl chloride*

Final CERCLA RQ: 100(45.4) pounds (Kilograms)

### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

None of the ingredients are listed or exempt.

### **SARA 313 Emission Reporting**

The following ingredients are listed or exempt:

*propylene oxide*

0.1 %

*benzyl chloride*

1.0 %

### **CAA Accidental Release Prevention**

The following ingredients are listed or exempt:

*propylene oxide*

Threshold Quantity: 10000 lbs

### **FDA - Essential Chemical**

None of the ingredients are listed or exempt.

### **FDA - Precursor Chemical**

None of the ingredients are listed or exempt.

### **SARA (311/312) Hazard Categories**

None of the ingredients are listed or exempt.

### **OSHA Highly Hazardous Chemicals**

None of the ingredients are listed or exempt.

### **US State Regulations**

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

The following ingredients are listed or exempt:

*propylene oxide*

Carcinogen.

*benzyl chloride*

Carcinogen.

#### **California Air Toxics "Hot Spots" (A-I)**

The following ingredients are listed or exempt:

*propylene oxide*

*benzyl chloride*

#### **California Air Toxics "Hot Spots" (A-II)**

None of the ingredients are listed or exempt.

#### **California Directors List of Hazardous Substances**

The following ingredients are listed or exempt:

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*propylene oxide*

*benzyl chloride*

### **Massachusetts "Right To Know" List**

The following ingredients are listed or exempt:

*propylene oxide*

*benzyl chloride*

### **Rhode Island "Right To Know" List**

The following ingredients are listed or exempt:

*Propane-1,2-diol*

*propylene oxide*

*benzyl chloride*

### **Minnesota "Right To Know" List**

The following ingredients are listed or exempt:

*Propane-1,2-diol*

*propylene oxide*

*benzyl chloride*

### **New Jersey "Right To Know" List**

The following ingredients are listed or exempt:

*Propane-1,2-diol*

*propylene oxide*

*benzyl chloride*

### **Pennsylvania "Right To Know" List**

The following ingredients are listed or exempt:

*Propane-1,2-diol*

*propylene oxide*

*benzyl chloride*

## **Inventories**

### **Canada - DSL/NDSL**

All the ingredients are listed or exempt.

### **US - TSCA**

All the ingredients are listed or exempt.

### **US - TSCA 12(b) Export Notification**

None of the ingredients are listed or exempt.

### **Australia - AICS**

All the ingredients are listed or exempt.

### **Japan - ENCS**

Not listed.

### **Korea - KECI**

All the ingredients are listed or exempt.

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### China - IECSC

All the ingredients are listed or exempt.

### China - IECIC

Listed as Cetearyl Alcohol (and) Stearalkonium Chloride (and) Propylene Glycol (and) Lactic Acid

### Philippines - PICCS

All the ingredients are listed or exempt.

### New Zealand - NZIOC

All the ingredients are listed or exempt.

### Taiwan - TCSI

All the ingredients are listed or exempt.

## 16. Other information

### Abbreviations and acronyms used in the safety data sheet

TDG: The transport of dangerous goods act

IATA: International air transport association.

ICAO: Technical instructions for the safe transport of dangerous goods by air.

IMDG: International maritime dangerous goods.

CAS: Chemical abstracts service.

ATE: Acute toxicity estimate.

LC<sub>50</sub>: Lethal concentration to 50 % of a test population.

LD<sub>50</sub>: Lethal dose to 50% of a test population (median lethal dose).

EC<sub>50</sub>: 50% of maximal effective concentration.

PBT: Persistent, bioaccumulative and toxic substance.

vPvB: Very persistent and very bioaccumulative.

### Classification abbreviations and acronyms

Eye Dam. = Serious eye damage

Skin Corr. = Skin corrosion

### Training advice

Only trained personnel should use this material.

### Issued by

Regulatory Affairs Department

### Revision date

3/18/2020

### Revision

9

### Supersedes date

11/21/2019

### SDS No.

5414

### Hazard statements in full

H224 Extremely flammable liquid and vapor.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H340 May cause genetic defects.

H350 May cause cancer.

H373 May cause damage to organs through prolonged or repeated exposure.

USH01 May form combustible dust concentrations in air.

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**End of SDS**

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.