CANTESCO®
welding chemical products

Safety Data Sheet
according to HPR & OSHA

Date of issue 01/02/2026 | Version number 3 | Revision: 01/02/2026

1 Identification

· **Product identifier:** C101-A

· **Trade name: CANTESCO® SOLVENT CLEANER – C101 STANDARD**
· **Other means of identification**
· **Item number(s):** C101-A
· **SDS Number:** 12
· **Application of the substance / the mixture** SOLVENT CLEANER
· **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:
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· **Information department:**
Tel: (716) 558-2971 ext. 228
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· **Emergency telephone number:**
Hazmat Line: (888) 890-9049 /+1(656) 240-3099 (International number)
Canada only: CANUTEC (Call collect) (613) 996-6666

2 Hazard identification

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

GHS02 Flame

Aerosols, Section 2.3.1 – Category 1	H222-H229	Extremely flammable aerosol. Pressurized container: may burst if heated.

GHS08 Health hazard

Specific target organ toxicity (single exposure) – Category 1	H370	Causes damage to organs.

GHS07

Eye damage/irritation – Category 2A	H319	Causes serious eye irritation.
Specific target organ toxicity (single exposure) – Category 3	H336	May cause drowsiness or dizziness.

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

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· **Signal word:** Danger

· **Hazard-determining components of labeling:**
propan-2-ol
acetone
butanone

· **Hazard statements:**
H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H319 Causes serious eye irritation.
H370 Causes damage to organs.
H336 May cause drowsiness or dizziness.

· **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.
P260 Do not breathe mist/vapors/spray.
P264 Wash thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P304+P312 IF INHALED: Call a doctor if you feel unwell.
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.
P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
P337+P313 If eye irritation persists: Get medical advice/attention.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Information pertaining to particular dangers for man and environment:**

· **NFPA ratings (scale 0 - 4):**

Health = 2
Fire = 4
Reactivity = 0

3 Composition/Information on ingredients

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

· **Dangerous components:**		
64742-47-8	Distillates (petroleum), hydrotreated light	30-60% w/w *
68476-86-8	Petroleum gases, liquefied, sweetened	10-30% w/w *
67-63-0	propan-2-ol	≥10-<20% w/w *
67-64-1	acetone	10% w/w
78-93-3	butanone	3-7% w/w *
108-65-6	2-methoxy-1-methylethyl acetate	1-5% w/w *

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* Actual concentration ranges are withheld as a trade secret.

4 First-aid measures

· **General information:** Symptoms of poisoning may even occur after several hours.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation 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:** If swallowed, do not induce vomiting. Get medical attention right away.
· **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.
· **Protective equipment:** Mouth respiratory protective device.

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 section 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

· **Precautions for safe handling:**
Ensure precautions are taken to eliminate potential sources of ignition during use. It is recommended to use static grounding and bonding equipment to eliminate static problems. Additionally, these products should never be applied on or near live circuits or energized equipment.
Ensure good ventilation/exhaustion at the workplace.

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Open and handle receptacle with care.

· **Information about protection against explosions and fires:**
Do not spray on a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
Keep respiratory protective device available.
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.

· **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

· **Components with limit values that require monitoring at the workplace:**	
64742-47-8 Distillates (petroleum), hydrotreated light	
EL (Canada)	TWA: 200 mg/m³ Skin
67-63-0 propan-2-ol	
EL (Canada)	STEL: 400 ppm TWA: 200 ppm
EV (Canada)	STEL: 400 ppm TWA: 200 ppm
PEL (USA)	TWA: 980 mg/m³, 400 ppm
REL (USA)	STEL: 1225 mg/m³, 500 ppm TWA: 980 mg/m³, 400 ppm
TLV (USA)	STEL: 984 mg/m³, 400 ppm TWA: 491 mg/m³, 200 ppm BEI, A4
67-64-1 acetone	
EL (Canada)	STEL: 500 ppm TWA: 250 ppm
EV (Canada)	STEL: 750 ppm TWA: 500 ppm
PEL (USA)	TWA: 2400 mg/m³, 1000 ppm
REL (USA)	TWA: 590 mg/m³, 250 ppm
TLV (USA)	STEL: 1187 mg/m³, 500 ppm TWA: 594 mg/m³, 250 ppm A4, BEI

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78-93-3 butanone	
EL (Canada)	STEL: 100 ppm TWA: 50 ppm R, Skin
EV (Canada)	STEL: 885 mg/m³, 300 ppm TWA: 590 mg/m³, 200 ppm
PEL (USA)	TWA: 590 mg/m³, 200 ppm
REL (USA)	STEL: 885 mg/m³, 300 ppm TWA: 590 mg/m³, 200 ppm
TLV (USA)	STEL: 150 ppm TWA: 75 ppm BEI, Skin
108-65-6 2-methoxy-1-methylethyl acetate	
EL (Canada)	STEL: 75 ppm TWA: 50 ppm
EV (Canada)	TWA: 270 mg/m³, 50 ppm
WEEL (USA)	TWA: 50 ppm

· **Ingredients with biological limit values:**	
67-63-0 propan-2-ol	
BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
67-64-1 acetone	
BEI (USA)	25 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)
78-93-3 butanone	
BEI (USA)	2 mg/L Medium: urine Time: end of shift Parameter: Methyl ethyl ketone (nonspecific)

· **Additional information:** The lists that were valid during the creation were used as basis.
· **Appropriate engineering controls** No further data; see section 7.
· **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.
Store protective clothing separately.
Avoid contact with the eyes and skin.
· **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
· **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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· **Material of gloves:**
Butyl rubber, BR
Nitrile rubber, NBR
· **Eye protection:**

Tightly sealed goggles

9 Physical and chemical properties

· **Color:**	Colorless
· **Odor:**	Solvent-like
· **Odor threshold:**	Not determined
· **Melting point/Melting range:**	-95.3 °C
· **Boiling point/Boiling range:**	>56 °C
· **Flammability:**	Extremely flammable liquefied gas.
· **Explosion limits**	
· **Lower:**	0.5 Vol %
· **Upper:**	13 Vol %
· **Flash point:**	-104 °C (Prop. (-17 □ liq.))
· **Auto igniting:**	210 °C
· **Decomposition temperature:**	Not determined
· **pH-value:**	Not determined
· **Viscosity:**	
· **Kinematic:**	Not determined
· **Dynamic:**	Not determined
· **Solubility in / Miscibility with**	
· **Water:**	Partly miscible.
· **Partition coefficient (n-octanol/water):**	Not determined
· **Vapor pressure at 20 °C:**	233 hPa
· **Vapor pressure:**	
· **Density at 20 °C:**	0.8 g/cm³
· **Relative density:**	Not determined
· **Vapor density at 20 °C:**	4.6 (AIR=1)
· **Particle characteristics**	Not applicable

· **Other information**	VOC Content:	693.090 g/l
	VOC %:	>99 %
	HAP Content	154.020 g/l
	MIR Value	2.472 g O□/g
· **Form:**	Liquid Under Pressure	
· **Important information on protection of health and environment, and on safety.**		
· **Ignition temperature:**	Product is not selfigniting.	
· **Danger of explosion:**	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.	
· **Change in condition**		
· **Evaporation rate:**	Not applicable.	

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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:**		
67-63-0 propan-2-ol		
Oral	LD50	5,045 mg/kg (rat)
Dermal	LD50	12,800 mg/kg (rabbit)
Inhalative	LC50/4 h	30 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:** Irritating effect.
· **Sensitization:** No sensitizing effects known.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Harmful
Irritant

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**		
67-63-0	propan-2-ol	3

· **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.
· **Bioaccumulative potential:** No further relevant information available.
· **Mobility in soil:** No further relevant information available.
· **Other adverse effects:**
· **Additional ecological information**
· **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.
Danger to drinking water if even extremely small quantities leak into the ground.

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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, 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
· **Packing group**	
· **DOT/TDG, ADR, IMDG, IATA**	Not regulated

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· **Environmental hazards:**	
· **Marine pollutant:**	No
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:**	Not applicable
· **Transport/Additional information:**	
· **DOT/TDG**	
· **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.
· **ADR**	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· **Excepted quantities (EQ)**	Code: E0 Not permitted as Excepted Quantity
· **IMDG**	
· **Limited quantities (LQ)**	1L
· **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.
· **IATA**	
· **Remarks:**	This product may be shipped according to the Limited Quantity Exceptions provided that all Limited Quantity shipping requirements are met.
· **Special precautions for user:**	Warning: Gases
· **Hazard identification number (Kemler code):**	-
· **EMS Number:**	F-D,S-U
· **Stowage Code**	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 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.
· **UN "Model Regulation":**	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.

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· **Sara**

· **Section 355 (extremely hazardous substances):**
None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**	
67-63-0	propan-2-ol

· **TSCA (Toxic Substances Control Act):**
All ingredients are listed or exempted

· **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%):**	
67-63-0	propan-2-ol
67-64-1	acetone
78-93-3	butanone

· **Per- and polyfluoroalkyl substances (PFAS)**
None of the ingredients is listed.

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

· **Hazard pictograms**

GHS02 GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**
propan-2-ol
acetone
butanone

· **Hazard statements**
H222-H229 Extremely flammable aerosol. Pressurized container: may burst if heated.
H319 Causes serious eye irritation.
H370 Causes damage to organs.

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H336 May cause drowsiness or dizziness.

16 Other information

This SDS format meets OSHA 1910.1200 and HPR 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. Copyright 2026 Kemper System America, Inc. License granted to make unlimited paper copies for internal use only.

· **Department issuing SDS:** Product safety department
· **Contact:** Stephen Nowicki
· **Date of previous version** 02/28/2025
· **Date of preparation** 01/02/2026
· **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)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent