



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200, and, Canadian
Workplace Hazardous Material Information System (WHMIS 2015)

Revision date 30-Sep-2021

Revision Number 1

1. Identification

Product identifier

Product Name Cola®Teric CAB-49

Other means of identification

Product Code(s) 1786

UN/ID no UN1993

INCI name Cocamidopropyl Betaine

Recommended use of the chemical and restrictions on use

Recommended use surfactant

Restrictions on use None known

Details of the supplier of the safety data sheet

Manufacturer Address

Colonial Chemical, Inc.
225 Colonial Drive
South Pittsburg, TN 37380
USA

For further information, please contact

E-mail address regulatory@colonialchem.com

Emergency telephone number

Company Phone Number 1+ (423) 837-8800

24 Hour Emergency Phone Number ACCESS CODE: 335736
1-760-476-3962
Toll free (in USA, Canada, Puerto Rico, Virgin Islands only): 1-866-519-4752

2. Hazard(s) identification

Classification

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1
Carcinogenicity	Category 1A
Flammable liquids	Category 3

Appearance Liquid

Physical state Liquid

Odor Alcohol

Label elements

EN

NGHS

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Danger**Hazard statements**

Causes skin irritation
 Causes serious eye irritation
 May cause an allergic skin reaction
 May cause cancer
 Flammable liquid and vapor

**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. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust, fume, gas, mist, vapors and spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground and bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention.

Eyes

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 and attention.

Skin

If skin irritation or rash occurs: Get medical advice and attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water and then shower. Wash contaminated clothing before reuse.

Fire

In case of fire: Use CO₂, dry chemical, or foam to extinguish.

Precautionary Statements - Storage

Store locked up. Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant.

Other information

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Cocamidopropyl betaine	61789-40-0	30-60	-	-
Isopropanol	67-63-0	10-30	-	-
Amides, C8-18 and C18-unsatd., N-[3-(dimethylamino)propyl]	146987-98-6	0.5-1.5	-	-

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First-aid measures

Description of first aid measures

Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If symptoms persist, call a physician.
Inhalation	Remove to fresh air. If breathing is difficult, give oxygen. If symptoms persist, call a physician.
Ingestion	Rinse mouth thoroughly with water. If symptoms persist, call a physician. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms	May cause allergic skin reaction.
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Indication of any immediate medical attention and special treatment needed

Note to physicians	Treat symptomatically.
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5. Fire-fighting measures

Suitable Extinguishing Media	Dry chemical, CO2 or water spray.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
Specific hazards arising from the chemical	Flammable. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.
Hazardous combustion products	Carbon oxides.
Explosion data	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.
Special protective equipment and precautions for fire-fighters	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak.
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Methods and material for containment and cleaning up

Methods for containment	Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.
Methods for cleaning up	Soak up with inert absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains.

7. Handling and storage

Precautions for safe handling**Advice on safe handling**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use spark-proof tools and explosion-proof equipment. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Ground and bond all lines and equipment associated with product system. All equipment should be non-sparking and explosion proof.

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep in properly labeled containers. Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

8. Exposure controls/personal protection**Control parameters****Exposure Limits**

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical name	ACGIH TLV	OSHA PEL	NIOSH	
Isopropanol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³	
Chemical name	Alberta	British Columbia	Ontario	Quebec
Isopropanol 67-63-0	TWA: 200 ppm TWA: 492 mg/m ³ STEL: 400 ppm STEL: 984 mg/m ³	TWA: 200 ppm STEL: 400 ppm	TWA: 200 ppm STEL: 400 ppm	TWA: 400 ppm TWA: 985 mg/m ³ STEL: 500 ppm STEL: 1230 mg/m ³

Appropriate engineering controls**Engineering controls**

Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear safety glasses with side shields (or goggles).

Hand protection

Wear suitable gloves.

Skin and body protection

Wear suitable protective clothing.

Respiratory protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties**Information on basic physical and chemical properties****Physical state**

Liquid

Appearance

Liquid

Color	clear
Odor	Alcohol
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	4.0	
pH (as aqueous solution)	4.0-7.0	solution (10 %)
Melting point / freezing point	No data available	
Boiling point / boiling range	> 87.7 °C / 189.9 °F	
Flash point	> 26 °C / 78.8 °F	Pensky-Martens Closed Cup (PMCC)
Evaporation rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	12.0%	
Lower flammability or explosive limits	2.50%	
Vapor pressure	Not applicable	
Vapor density	No data available	
Relative density	1.01	
Water solubility	Soluble in water	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
<u>Other information</u>		
Explosive properties	No information available	
Oxidizing properties	No information available	
Softening point	No information available	
Molecular weight	No information available	
VOC Content (%)	No information available	
Liquid Density	No information available	
Bulk density	No information available	
Surface tension	No information available	

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Carbon monoxide. Carbon dioxide (CO ₂). Hydrocarbons.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	May cause irritation.
Skin contact	May cause irritation. May cause sensitization by skin contact.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Redness. Burning.

Acute toxicity**Numerical measures of toxicity**

No information available

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	4,807.30 mg/kg
ATEmix (dermal)	3,768.50 mg/kg
ATEmix (inhalation-dust/mist)	40.70 mg/l

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Cocamidopropyl betaine 61789-40-0	> 10000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Isopropanol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Respiratory or skin sensitization No information available.

Method	Species	Exposure route	Results
OECD 406	Guinea pig	Dermal	Sensitizing

Germ cell mutagenicity No information available.

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Isopropanol 67-63-0	-	Group 3	-	X

Legend**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity No information available.

STOT - single exposure No information available.

STOT - repeated exposure No information available.

Aspiration hazard Not applicable.

12. Ecological information

Ecotoxicity There is no data for this product.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Cocamidopropyl betaine 61789-40-0	EC50: 1.0 - 10.0mg/L (72h, <i>Desmodesmus subspicatus</i>)	LC50: 1.0 - 10.0mg/L (96h, <i>Brachydanio rerio</i>) LC50: =2mg/L (96h, <i>Brachydanio rerio</i>)	-	EC50: =6.5mg/L (48h, <i>Daphnia magna</i>)
Isopropanol 67-63-0	EC50: >1000mg/L (72h, <i>Desmodesmus</i>)	LC50: =11130mg/L (96h, <i>Pimephales promelas</i>)	-	EC50: =13299mg/L (48h, <i>Daphnia magna</i>)

	subspicatus) EC50: >1000mg/L (96h, Desmodosmus subspicatus)	LC50: =9640mg/L (96h, Pimephales promelas) LC50: >1400000µg/L (96h, Lepomis macrochirus)		
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Persistence and degradability There is no data for this product.

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
Cocamidopropyl betaine 61789-40-0	-1.28
Isopropanol 67-63-0	0.05

Mobility in soil There is no data for this product.

13. Disposal considerations

Waste treatment methods

Waste from residues/unused products Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Do not reuse empty containers.

California waste information This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical name	California Hazardous Waste Status
Isopropanol 67-63-0	Toxic Ignitable

14. Transport information

DOT

UN/ID no UN1993
Proper shipping name Flammable liquids, n.o.s.
Transport hazard class(es) 3
Packing group III
Special Provisions B1, B52, IB3, T4, TP1, TP29
Description UN1993, Flammable liquids, n.o.s. (Isopropanol), 3, III, Marine Pollutant (Amides, C8-18 and C18-unsatd., N-[3-(dimethylamino)propyl], Acetic acid, 2-chloro-, sodium salt (1:1))

TDG

UN/ID no UN1993
Proper shipping name Flammable liquid, n.o.s.
Transport hazard class(es) 3
Packing group III
Special Provisions 16, 150
Marine pollutant Amides, C8-18 and C18-unsatd., N-[3-(dimethylamino)propyl], Acetic acid, 2-chloro-, sodium salt (1:1).
Description UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III

MEX

UN/ID no UN1993
Proper shipping name Flammable liquid, n.o.s.

Transport hazard class(es)	3
Special Provisions	223, 274
Packing group	III
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
ICAO (air)	
UN/ID no	UN1993
Transport hazard class(es)	3
Packing group	III
Special Provisions	A3
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
IATA	
UN number or ID number	UN1993
Transport hazard class(es)	3
Packing group	III
ERG Code	3L
Special Provisions	A3
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
IMDG	
UN number or ID number	UN1993
Transport hazard class(es)	3
Packing group	III
EmS-No	F-E, S-E
Special Provisions	223, 274, 955
Marine pollutant	P
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol, Amides, C8-18 and C18-unsatd., N-[3-(dimethylamino)propyl]), 3, III, (26°C c.c.), Marine Pollutant
RID	
UN number	UN1993
UN proper shipping name	FLAMMABLE LIQUID, N.O.S.
Transport hazard class(es)	3
Packing group	III
Classification code	F1
Special Provisions	274, 601
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
Labels	3
ADR	
UN number or ID number	UN1993
UN proper shipping name	Flammable liquid, n.o.s.
Transport hazard class(es)	3
Packing group	III
Classification code	F1
Tunnel restriction code	(D/E)
Special Provisions	274, 601
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
Labels	3
ADN	
UN number	UN1993
UN proper shipping name	Flammable liquid, n.o.s.
Transport hazard class(es)	3
Packing group	III
Classification code	F1
Special Provisions	274, 601
Description	UN1993, Flammable liquid, n.o.s. (Isopropanol), 3, III
Hazard label(s)	3
Ventilation	VE01
Equipment Requirements	PP, EX, A

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture**International Regulations**

The Montreal Protocol on Substances that Deplete the Ozone Layer Not applicable

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Listed.

TSCA Section 5 and 12(b) No TSCA 12(b) or SNUR Chemicals present

DSL/NDSL Listed on NDSL.

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**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

Chemical name	SARA 313 - Threshold Values %
Isopropanol - 67-63-0	1.0

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

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).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Isopropanol 67-63-0	X	X	X
Water 7732-18-5	-	-	X
Glycerin 56-81-5	X	X	X
Acetic acid, 2-chloro-, sodium salt (1:1) 3926-62-3	X	-	-
Hydrochloric acid	X	X	X

7647-01-0			
Boric acid, sodium salt 1333-73-9	X	-	-

U.S. EPA Label Information

EPA Statement Not applicable.

16. Other information**Key or legend to abbreviations and acronyms used in the safety data sheet****NOTE SECTION 8: Exposure controls/personal protection**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
 U.S. Environmental Protection Agency ChemView Database
 European Food Safety Authority (EFSA)
 EPA (Environmental Protection Agency)
 Acute Exposure Guideline Level(s) (AEGl(s))
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
 U.S. Environmental Protection Agency High Production Volume Chemicals
 Food Research Journal
 Hazardous Substance Database
 International Uniform Chemical Information Database (IUCLID)
 Japan GHS Classification
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
 NIOSH (National Institute for Occupational Safety and Health)
 National Library of Medicine's ChemID Plus (NLM CIP)
 National Library of Medicine's PubMed database (NLM PUBMED)
 National Toxicology Program (NTP)
 New Zealand's Chemical Classification and Information Database (CCID)
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program
 Organization for Economic Co-operation and Development Screening Information Data Set
 World Health Organization

Prepared By Regulatory Affairs Department.

Revision date 30-Sep-2021

Revision Note No information available.

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