# SAFETY DATA SHEET

**Cola®Carb BEA**


## 1. Identification

<table>
<thead>
<tr>
<th>Product identifier</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product name</strong></td>
<td>Cola®Carb BEA</td>
</tr>
<tr>
<td><strong>Product number</strong></td>
<td>3091</td>
</tr>
</tbody>
</table>

**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**

Not Classified

**Health hazards**

Skin Irrit. 2 - H315 Eye Irrit. 2A - H319

**Environmental hazards**

Not Classified

**Label elements**

**Hazard symbols**

![Exclamation Symbol]

**Signal word**

Warning

**Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.
Cola®Carb BEA

**Precautionary statements**

P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see medical advice on this label).
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

**Other hazards**

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

### 3. Composition/information on ingredients

#### Mixtures

**Sodium (2-butoxyethoxy)acetate**
- CAS number: 67990-17-4
- Concentration: 30-60%

**Classification**
- Not Classified

**2-butoxyethanol**
- CAS number: 111-76-2
- Concentration: 10-30%

**Classification**
- Acute Tox. 4 - H302
- Acute Tox. 4 - H312
- Acute Tox. 4 - H332
- Skin Irrit. 2 - H315
- Eye Irrit. 2A - H319

**Dichloroacetic acid**
- CAS number: 79-43-6
- Concentration: <40 ppm

**Classification**
- Skin Corr. 1A - H314
- Eye Dam. 1 - H318
- Aquatic Acute 1 - H400

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**

**General information**
Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.
Cola® Carb BEA

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if symptoms are severe or persist.

Ingestion
Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.

Skin Contact
Rinse with water.

Eye contact
Rinse with water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Get medical attention if any discomfort continues.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.

Most important symptoms and effects, both acute and delayed

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

Inhalation
No specific symptoms known.

Ingestion
May cause irritation.

Skin contact
Redness. Irritating to skin.

Eye contact
Irritating to eyes.

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
Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.

Advice for firefighters

Protective actions during firefighting
Avoid breathing fire gases or vapors. Evacuate area. 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. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. 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
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
Cola®Carb BEA

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.

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground.

Methods and material for containment and cleaning up
Methods for cleaning up
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Small Spillages: Collect spillage. Large Spillages: Absorb spillage with non-combustible, absorbent material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

Reference to other sections
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
Usage precautions
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. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene
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
Storage precautions
Store away from incompatible materials (see Section 10). Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage.

Storage class
Chemical storage.

Specific end uses(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.

8. Exposure controls/Personal protection

Control parameters
Occupational exposure limits
2-butoxyethanol
Long-term exposure limit (8-hour TWA): OSHA 50 ppm 240 mg/m³
Sk
Long-term exposure limit (8-hour TWA): ACGIH 20 ppm 97 mg/m³
A3
dichloroacetic acid
Long-term exposure limit (8-hour TWA): ACGIH 0.5 ppm 2.64 mg/m³
A3, Sk
Cola®Carb BEA

OSHA = Occupational Safety and Health Administration.
ACGIH = American Conference of Governmental Industrial Hygienists.
Sk = Danger of cutaneous absorption.
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans.

2-butoxyethanol (CAS: 111-76-2)

Immediate danger to life and health 700 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 repeated or prolonged 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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance Clear liquid.
Color Colorless to pale yellow.
Odor Characteristic.
Odor threshold Not available.

pH (as is): 6 - 8
Melting point Not available.
Initial boiling point and range >100°C
Cola® Carb BEA

Flash point  > 100°C Pensky-Martens closed cup.
Evaporation rate  Not available.
Flammability (solid, gas)  Not flammable.
Upper/lower flammability or explosive limits  Not available.
Vapor pressure  Not available.
Vapor density  Not available.
Relative density  1.1 g/cm³ @ 25°C
Solubility(ies)  Miscible with water.
Partition coefficient  Not available.
Auto-ignition temperature  Not available.
Decomposition Temperature  Not available.
Viscosity  Not available.
Explosive properties  Not considered to be explosive.
Oxidizing properties  Not available.
Other information  None.
Surface Tension  Not available.
% Solids  Not available.

10. Stability and reactivity

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

11. Toxicological information

Information on toxicological effects

Acute toxicity - oral
Notes (oral LD₅₀)  Based on available data the classification criteria are not met.
ATE oral (mg/kg)  4,166.67

Acute toxicity - dermal
Notes (dermal LD₅₀)  Based on available data the classification criteria are not met.
Cola®Carb BEA

ATE dermal (mg/kg) 9,166.67

Acute toxicity - inhalation

Notes (inhalation LC₅₀)
Based on available data the classification criteria are not met.

ATE Inhalation (dusts/mists mg/l) 12.5

Skin corrosion/irritation

Serious eye damage/irritation
Causes serious eye irritation.

Respiratory sensitization

Serious eye damage/irritation
Based on available data the classification criteria are not met.

Skin sensitization

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

Skin sensitization

Respiratory 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

IARC carcinogenicity
No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

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

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

Inhalation
No specific symptoms known.

Ingestion
May cause irritation.

Skin Contact
Redness. Irritating to skin.

Eye contact
Irritating to eyes.

Route of exposure
Ingestion Inhalation Skin and/or eye contact

Target Organs
No specific target organs known.

12. Ecological information
Cola®Carb BEA

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

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

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

Bioaccumulative potential
No data available on bioaccumulation.

Bio-Accumulative Potential
Not available.

Mobility in soil
No data available.

Mobility
None known.

13. Disposal considerations

Waste treatment methods
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.

14. Transport information

General
Not regulated.

15. Regulatory information

US Federal Regulations
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities
None of the ingredients are listed or exempt.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)
None of the ingredients are listed or exempt.

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:
2-butoxyethanol
1.0 %

CAA Accidental Release Prevention
None of the ingredients are listed or exempt.
Cola®Carb BEA

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:

dichloroacetic acid
Non-carcinogen and reproductive toxin.

California Air Toxics "Hot Spots" (A-I)
The following ingredients are listed or exempt:

2-butoxyethanol

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:

2-butoxyethanol

Massachusetts "Right To Know" List
The following ingredients are listed or exempt:

2-butoxyethanol

Rhode Island "Right To Know" List
The following ingredients are listed or exempt:

2-butoxyethanol

Minnesota "Right To Know" List
The following ingredients are listed or exempt:

2-butoxyethanol

dichloroacetic acid

New Jersey "Right To Know" List
The following ingredients are listed or exempt:

2-butoxyethanol
dichloroacetic acid

Pennsylvania "Right To Know" List
The following ingredients are listed or exempt:

2-butoxyethanol

Inventories
Cola®Carb BEA

EU - EINECS/ELINCS
None of the ingredients are listed or exempt.

EU - REACH
Not registered.

Canada - DSL/NDSL
DSL

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
All the ingredients are listed or exempt.

Korea - KECI
All the ingredients are listed or exempt.

China - IECSC
All the ingredients are listed or exempt.

China - IECIC
Not listed.

Philippines - PICCS
Not listed.

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.
LC₅₀: Lethal concentration to 50 % of a test population.
LD₅₀: Lethal dose to 50% of a test population (median lethal dose).
EC₅₀: 50% of maximal effective concentration.
PBT: Persistent, bioaccumulative and toxic substance.
vPvB: Very persistent and very bioaccumulative.

Classification abbreviations and acronyms
Eye Irrit. = Eye irritation
Skin Irrit. = Skin irritation

Training advice
Only trained personnel should use this material.

Issued by
Regulatory Affairs Department
Cola®Carb BEA

Revision date 1/28/2020
Revision 2
Supersedes date 9/10/2019
SDS No. 5017

Hazard statements in full

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.
H332 Harmful if inhaled.
H400 Very toxic to aquatic life.

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.