



Safety Data Sheet CLEAR EXCELLENCE

SECTION 1: Identification

1.1 GHS Product identifier

Product name CLEAR EXCELLENCE

1.2 Recommended use of the chemical and restrictions on use

Spray Tank Cleaner

1.3 Supplier's details

Name CAROLINA EASTERN, INC.
Address 347 McAllister Mill Road
Scranton SC 29591
USA

Telephone 843-389-2761

1.4 Emergency phone number

CHEMTREC Administrative Office Telephone number: 1-800-262-8200

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Eye damage/irritation (C.4.5), Cat. 1
- Skin corrosion/irritation (C.4.4), Cat. 1

2.2 GHS label elements, including precautionary statements.

Pictograms



1. Corrosion

Signal word

Danger

Hazard statement(s)

Causes serious eye damage.
Causes severe skin burns and eye damage.

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Precautionary statement(s)

P262	Do not get in eyes, on skin, or on clothing.
P264	Wash ... thoroughly after handling.
P270	Do not eat, drink, or smoke when using this product.
P280	Wear eye protection/face protection/protective gloves/protective clothing.
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.
P310	Immediately call a POISON CENTER/doctor.
P321	Specific treatment (see ... on this label).
P361+P364	Take off immediately all contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
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.
P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

1. Proprietary Mixture

Concentration 98 % (weight)

2. Isopropanol

Concentration 1 % (weight)
CAS no. 67-63-0

3. Butoxyethanol

Concentration 1 % (weight)
CAS no. 111-76-2

Trade secret statement (OSHA 1910.1200(i))

*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	If breathed in, move person into fresh air. If not breathing, give artificial respiration.
In case of skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower for at least 15 minutes. Call a poison center or doctor if irritation develops or persists. Wash contaminated clothing before reuse.

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Acute and delayed symptoms and effects: Causes severe skin burns. Signs/symptoms may include localized redness, swelling, itching, intense pain, blistering, ulceration, and tissue destruction.

In case of eye contact

Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.

Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision, or complete loss of vision.

If swallowed

Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.2 Most important symptoms/effects, acute and delayed.

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapors, mist, or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of in accordance with local and national regulations. Keep in suitable, closed containers for disposal.

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Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Do not eat, drink, or smoke while handling. Wash hands with soap and water after handling. For precautions see section 2.

7.2 Conditions for safe storage, including any incompatibilities.

Keep container tightly closed in a dry and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

1. Isopropanol (CAS: 67-63-0)

PEL (Inhalation): 400 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 980 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 400 ppm, (ST) 500 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 400 ppm, (ST) 500 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

TLV® (Inhalation): 200 ppm, (ST) 400 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 400 ppm; 983 mg/m³; Australia (AU/SWA)

STEL (Inhalation): 500 ppm; 1230 mg/m³; Australia (AU/SWA)

2. Butoxyethanol (CAS: 111-76-2 EC: 203-905-0)

PEL (Inhalation): 50 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 240 mg/m³ (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

REL (Inhalation): 5 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

PEL (Inhalation): 20 ppm, 97 mg/m³

California permissible exposure limits for chemical contaminants

(Title 8, Article 107)/Skin

TWA (Inhalation): 50 ppm, 240 mg/m³; USA (OSHA)

USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air

Contaminants/Skin designation

The value in mg/m³ is approximate.

TWA (Inhalation): 5 ppm, 24 mg/m³; USA (NIOSH)

USA. NIOSH Recommended Exposure Limits/Potential for dermal absorption.

TWA (Inhalation): 20 ppm; USA (ACGIH)

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USA. ACGIH Threshold Limit Values (TLV)/Upper Respiratory Tract Irritation Eye irritation Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Confirmed animal carcinogen with unknown relevance to humans

TLV® (Inhalation): 20 ppm; USA (ACGIH)
OSHA Annotated Table Z-1, www.osha.gov

TWA (Inhalation): 20 ppm; 96.9 mg/m³; Australia (AU/SWA)
Other advisory: Sk

STEL (Inhalation): 50 ppm; 242 mg/m³; Australia (AU/SWA)
Other advisory: Sk

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

SECTION 9: Physical and chemical properties

Appearance (physical state, color, etc.)	Yellowish, Clear to Slightly Hazy
Odor	Fatty
Odor threshold	Not Determined
pH	(neat) 10.5-12.5
Melting point/freezing point	Not Determined
Initial boiling point and boiling range	Not Determined
Flash point	>93°C
Evaporation rate	Not Determined
Flammability (solid, gas)	Not Determined
Upper/lower flammability or explosive limits	Not Determined
Vapor pressure	Not Determined
Vapor density	
Relative density	@25°C 1.0-1.1
Solubility(ies)	Soluble
Partition coefficient: n-octanol/water	
Auto-ignition temperature	Not Determined

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Decomposition temperature
Viscosity

Not Determined
@25°F 50-300 cps

Additional properties

Physical state
Color

Liquid
Yellowish

SECTION 10: Stability and reactivity

10.1 Reactivity

None under normal use conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal use conditions.

10.4 Conditions to avoid.

Avoid storing in direct sunlight and avoid extremes of temperature.

10.5 Incompatible materials

Do not store near acids, Strong oxidizing agents, Carbon dioxide (CO₂)

10.6 Hazardous decomposition products

Isopropanol: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see Section 5

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity

No data available

Skin corrosion/irritation

Direct contact with skin may cause irritation.

Serious eye damage/irritation

Direct contact with the eyes may cause irritation.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

Reproductive toxicity

No data available

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Specific target organ toxicity (STOT) - single exposure

No data available

Specific target organ toxicity (STOT) - repeated exposure

No data available

Aspiration hazard

No data available

SECTION 12: Ecological information

Toxicity

No data available on product

Persistence and degradability

No data available on product

Bioaccumulative potential

No data available on product

Mobility in soil

No data available

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

SECTION 13: Disposal considerations

Disposal methods

Product disposal

Offer surplus and non-recyclable solutions to a licensed disposal company.

Packaging disposal

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health, and environmental regulations specific for the product in question

Massachusetts Right To Know Components

Isopropyl alcohol

CAS number: 67-63-0

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New Jersey Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

Pennsylvania Right To Know Components

Isopropyl alcohol
CAS number: 67-63-0

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
Isopropyl alcohol
CAS number: 67-63-0

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

California Prop. 65 Components

This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

Canadian Domestic Substances List (DSL)

Chemical name: 2-Propanol
CAS: 67-63-0

Massachusetts Right To Know Components

Ethylene glycol monobutyl ether
CAS: 111-76-2

New Jersey Right To Know Components

Ethylene glycol monobutyl ether
CAS: 111-76-2

Pennsylvania Right To Know Components

Ethylene glycol monobutyl ether
CAS: 111-76-2

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:
Ethylene glycol monobutyl ether
CAS: 111-76-2

Canadian Domestic Substances List (DSL)

Chemical name: Ethanol, 2-butoxy-
CAS: 111-76-2

SECTION 16: Other information

Certification Date: September 19, 2023

16.1 Further information/disclaimer

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.

16.2 Preparation information

Prepared by IMS Labs, - Crop Excellence Regulatory Consultant