



UF342 - Conditioner Cherry Red 342

Date of compilation: 6/3/2019 Revised: 1/22/2025 Version: 4 (Replaced 3)

1.1 GHS Product identifier: UF342 - Conditioner Cherry Red 342

Other means of identification:

Not applicable (N/A)

1.2 Recommended use of the chemical and restrictions on use:

Relevant uses: Chemical cleaning products

High foaming liquid mixtures for car washes.

Uses advised against: All uses not specified in this section or in section 7.3

1.3 Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: National Carwash Solutions

1997 American Blvd

54115 De Pere - United States

Phone: 9203372175 - Fax: 9203379410

<http://cleaningsystemsinc.com>

1.4 Emergency phone number: 1-800-424-9300 or 1-703-527-3887

2.1 Classification of the substance or mixture:

NFPA:

Health Hazards: 3

Flammability Hazards: 2

Instability Hazards: 0

Special Hazards: Not applicable (N/A)

29 CFR 1910.1200:

Classification of this product has been carried out in accordance with paragraph (d) of § 1910.1200.

Acute Tox. 4: Acute inhalation toxicity, Category 4, H332

Eye Dam. 1: Serious eye damage, Category 1, H318

Flam. Liq. 4: Flammable liquids, Category 4, H227

Repr. 2: Reproductive toxicity, Category 2, H361

Skin Irrit. 2: Skin irritation, Category 2, H315

2.2 Label elements:

NFPA:

29 CFR 1910.1200:

Danger

Hazard statements:

Acute Tox. 4: H332 - Harmful if inhaled.

Eye Dam. 1: H318 - Causes serious eye damage.

Flam. Liq. 4: H227 - Combustible liquid.

Repr. 2: H361 - Suspected of damaging fertility or the unborn child.

Skin Irrit. 2: H315 - Causes skin irritation.

Precautionary statements:

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P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
 P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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+P313: IF exposed or concerned: Get medical advice/attention.
 P370+P378: In case of fire: Use ABC powder extinguisher to put it out.
 P501: Dispose of contents and / or containers in accordance with regulations on hazardous waste or packaging and packaging waste respectively.

Substances that contribute to the classification

Alkylbenzyl Sodium Sulfonate; 2-butoxyethanol; tetrasodium ethylene diamine tetraacetate; Sodium 4(or 5)-methyl-1H benzotriazolide

Acute Toxicity Estimate (ATE mix):

3.06 % (oral), 25.76 % (inhalation) of the mixture consists of ingredient(s) of unknown toxicity

Additional labeling:

Keep out of the reach of children

2.3 Hazards not otherwise classified (HNOC):

Not applicable (N/A)

3.1 Substances:

Non-applicable

3.2 Mixtures:

Chemical description: Aqueous mixture composed of chemical products for cleaning products

Components:

Remaining components are non-hazardous and/or present at amounts below reportable limits. The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. Therefore, in accordance with Appendix D to § 1910.1200, the product contains:

Identification Chemical name/Classification Concentration CAS: Proprietary **Alkylbenzyl Sodium Sulfonate**

Acute Tox. 4: H302; Eye Dam. 1: H318; Skin Irrit. 2: H315; STOT SE 3: H335 - Danger **15 - <35 %**

CAS: 111-76-2 **2-butoxyethanol**

Acute Tox. 3: H331; Acute Tox. 4: H302; Eye Irrit. 2A: H319; Flam. Liq. 4: H227; Skin Irrit. 2: H315 - Danger **10 - <15 %**

CAS: 64-02-8 **tetrasodium ethylene diamine tetraacetate**

Acute Tox. 4: H302; Eye Dam. 1: H318 - Danger **<5 %**

CAS: 64665-57-2 **Sodium 4(or 5)-methyl-1H-benzotriazolide**

Acute Tox. 4: H302; Eye Dam. 1: H318; Repr. 2: H361; Skin Corr. 1B: H314 - Danger **<5 %**

To obtain more information on the hazards of the substances consult sections 11, 12 and 16.

4.1 Description of necessary measures:

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention for direct exposure to the chemical product or persistent discomfort, showing the SDS of this product.

By inhalation:

Remove the person affected from the area of exposure, provide with fresh air and keep at rest. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

By skin contact:

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Remove contaminated clothing and footwear, rinse skin or shower the person affected if appropriate with plenty of cold water and neutral soap. In serious cases see a doctor. If the product causes burns or freezing, clothing should not be removed as this could worsen the injury caused if it is stuck to the skin. If blisters form on the skin, these should never be burst as this will increase the risk of infection.

By eye contact:

Rinse eyes thoroughly with lukewarm water for at least 15 minutes. Do not allow the person affected to rub or close their eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted as quickly as possible with the SDS of the product.

By ingestion/aspiration:

Do not induce vomiting, but if it does happen keep the head down to avoid aspiration. Keep the person affected at rest. Rinse out the mouth and throat, as they may have been affected during ingestion.

4.2 Most important symptoms/effects, acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

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

Not applicable (N/A)

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Combustible liquid. If possible use polyvalent powder fire extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂).

Unsuitable extinguishing media:

IT IS RECOMMENDED NOT to use full jet water as an extinguishing agent.

5.2 Specific hazards arising from the chemical:

As a result of combustion or thermal decomposition reactive sub-products are created that can become highly toxic and, consequently, can present a serious health risk.

5.3 Special protective equipment and precautions for fire-fighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...)

Additional provisions:

As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Only properly trained personnel should be involved in firefighting. Evacuate nonessential personnel from the fire area. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:

Isolate leaks provided that there is no additional risk for the people performing this task. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Evacuate the area and keep out those who do not have protection.

For emergency responders:

Wear protective equipment. Keep unprotected persons away. See section 8.

6.2 Environmental precautions:

This product is not classified as hazardous to the environment. Keep product away from drains, surface and underground water. **6.3 Methods and materials for containment and cleaning up:**

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For accidental releases in excess of reportable quantities (RQ) (Table 302.4), refer to 40 CFR 302 for detailed instructions concerning reporting requirements and notify the National Response Center (800) 424-8802.

Absorb the spillage using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. For any concern related to disposal consult section 13.

6.4 Reference to other sections:

See sections 8 and 13.

7.1 Precautions for safe handling:

A.- General precautions for safe use

Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. Maintain order, cleanliness and dispose of using safe methods (section 6).

B.- Technical recommendations for the prevention of fires and explosions

Product is non-flammable under normal conditions of storage, manipulation and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

PREGNANT WOMEN SHOULD NOT BE EXPOSED TO THIS PRODUCT. Transfer in fixed places that comply with the necessary security conditions (emergency showers and eyewash stations in close proximity), using personal protection equipment, especially on the hands and face (See section 8). Limit manual transfers to containers of small amounts. Do not eat or drink during the process, washing hands afterwards with suitable cleaning products.

D.- Technical recommendations to prevent environmental risks

It is recommended to have absorbent material available at close proximity to the product (See subsection

6.3) 7.2 Conditions for safe storage, including any incompatibilities:

A.- Technical measures for storage

Minimum Temp.: 24.8 °F

Maximum Temp.: 120 °F

B.- General conditions for storage

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see subsection

10.5 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the workplace:

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000):

2-butoxyethanol 8-hour TWA PEL 50 ppm 240 mg/m³ CAS: 111-76-2 Ceiling Values - TWA

Identification Occupational exposure limits

PEL

sodium hydroxide 8-hour TWA PEL 2 mg/m³ CAS: 1310-73-2 Ceiling Values - TWA

PEL

US. ACGIH Threshold Limit Values (2022):

2-butoxyethanol TLV-TWA 20 ppm
CAS: 111-76-2 TLV-STEL

Identification Occupational exposure limits

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US. ACGIH Threshold Limit Values (2022):

acetophenone TLV-TWA 10 ppm
CAS: 98-86-2 TLV-STEL
Benzyl acetate TLV-TWA 10 ppm
CAS: 140-11-4 TLV-STEL

Identification Occupational exposure limits

CALIFORNIA- TABLE AC-1 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS:

2-butoxyethanol PEL 20 ppm 97 mg/m³ CAS: 111-76-2 STEL
sodium hydroxide PEL 2 mg/m³ CAS: 1310-73-2 STEL 2 mg/m³ acetophenone PEL 10 ppm 49 mg/m³ CAS: 98-86-2 STEL
Benzyl acetate PEL 10 ppm 61 mg/m³ CAS: 140-11-4 STEL

Identification Occupational exposure limits

Biological limit values:

Biological Exposure Indices (BEIs®) - ACGIH

2-butoxyethanol

CAS: 111-76-2 200 mg/g (NULL) Butoxyacetic acid

Identification BEIs® Determinant Sampling Time

(BAA) in urine End of shift

8.2 Appropriate engineering controls:

A.- Individual protection measures, such as personal protective equipment

As a preventative measure it is recommended to use basic Personal Protection Equipment. For more information on Personal Protection Equipment (storage, use, cleaning, maintenance, class of protection,...) consult the information leaflet provided by the manufacturer. For more information see subsection 7.1. All information contained herein is a recommendation, the information on clothing performance must be combined with professional judgment, and a clear understanding of the clothing application, to provide the best protection to the worker. All chemical protective clothing use must be based on a hazard assessment to determine the risks for exposure to chemicals and other hazards. Conduct hazard assessments in accordance with 29 CFR 1910.132.

B.- Respiratory protection

The use of protection equipment will be necessary if a mist forms or if the occupational exposure limits are exceeded. C.- Specific protection for the hands

Pictogram PPE Remarks

Protective gloves against minor risks

Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional /industrial users, we recommend using chemical

protection gloves. Use gloves in accordance with manufacturer's use limitations

Mandatory hand

and OSHA standard 1910.138 (29CFR)

protection

As the product is a mixture of several substances, the resistance of the glove material can not be calculated in advance with total reliability and has therefore to be checked prior to the application.

D.- Eye and face protection

Pictogram PPE Remarks

Panoramic glasses against splash/projections.

Clean daily and disinfect periodically according to the manufacturer's instructions.

Use if there is a risk of splashing. Use this PPE in accordance with manufacturer's use limitations and OSHA standard 1910.133 (29CFR)

Mandatory face
protection

E.- Bodily protection

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Work clothing Replace before any evidence of deterioration.

Anti-slip work shoes Replace before any evidence of deterioration.

F.- Additional emergency measures

Emergency measure Standards Emergency measure Standards

ANSI Z358-1

DIN 12 899

ISO 3864-1:2011, ISO 3864-4:2011

ISO 3864-1:2011, ISO 3864-4:2011

Emergency shower

Eyewash stations

Environmental exposure controls:

In accordance with the community legislation for the protection of the environment it is recommended to avoid environmental spillage of both the product and its container. For additional information see subsection 7.1.D

40 CFR Part 59 (VOC):

V.O.C.(weight-percent): 12.24 % weight
V.O.C. at 68 °F: 329.68 kg/m³ (329.68 g/L)
Components: Not applicable (N/A)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent): 12.24 % weight
V.O.C. at 68 °F: 329.68 kg/m³ (329.68 g/L)

South Coast Air Quality Management District (AQMD) - VOC Regulatory:

V.O.C.(weight-percent): 12.24 % weight
V.O.C. at 68 °F: 329.68 kg/m³ (329.68 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent): 12.24 % weight
V.O.C. at 68 °F: 329.68 kg/m³ (329.68 g/L)

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F: Liquid

Appearance: Translucent

Color: Red

Odor: Fruity

Odour threshold: Not applicable (N/A) *

Volatility:

Boiling point at atmospheric pressure: 226 °F

Vapour pressure at 68 °F: 2281 Pa

Vapour pressure at 122 °F: 12023.33 Pa (12.02 kPa)

*Not relevant due to the nature of the product, not providing information property of its hazards.

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Evaporation rate at 68 °F: Not applicable (N/A) *

Product description:

Density at 68 °F: 1040.8 kg/m³

Relative density at 68 °F: 1.041

Dynamic viscosity at 68 °F: Not applicable (N/A) *

Kinematic viscosity at 68 °F: Not applicable (N/A) *

Kinematic viscosity at 104 °F: Not applicable (N/A) *

Concentration: Not applicable (N/A) *

pH: 8 - 10 (at 100 %)

Vapour density at 68 °F: Not applicable (N/A) *

Partition coefficient n-octanol/water 68 °F: Not applicable (N/A) *

Solubility in water at 68 °F: Not applicable (N/A) *

Solubility properties: Not applicable (N/A) *

Decomposition temperature: Not applicable (N/A) *

Melting point/freezing point: Not applicable (N/A) *

Flammability:

Flash Point: 162 °F

Flammability (solid, gas): Not applicable (N/A) *

Autoignition temperature: 377 °F

Lower flammability limit: Not applicable (N/A) *

Upper flammability limit: Not applicable (N/A) *

Particle characteristics:

Median equivalent diameter: Non-applicable

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties: Not applicable (N/A) *

Oxidising properties: Not applicable (N/A) *

Corrosive to metals: Not applicable (N/A) *

Heat of combustion: Not applicable (N/A) *

Aerosols-total percentage (by mass) of flammable

Not applicable (N/A) *

components:

Other safety characteristics:

Surface tension at 68 °F: Not applicable (N/A) *

Refraction index: Not applicable (N/A) *

*Not relevant due to the nature of the product, not providing information property of its hazards.

10.1 Reactivity:

No hazardous reactions are expected because the product is stable under recommended storage conditions. See section 7 from Safety Data Sheet.

10.2 Chemical stability:

Chemically stable under the indicated conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. **10.4 Conditions to avoid:**



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Applicable for handling and storage at room temperature:

Shock and friction Contact with air Increase in temperature Sunlight Humidity Not applicable Not applicable Risk of combustion Avoid direct impact Not applicable

10.5 Incompatible materials:

Acids Water Oxidising materials Combustible materials Others Avoid strong acids Not applicable Avoid direct impact Not applicable Avoid alkalis or strong bases

10.6 Hazardous decomposition products:

See subsection 10.3, 10.4 and 10.5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11.1 Information on toxicological effects:

The experimental information related to the toxicological properties of the product itself is not available

Contains glycols. With possibility of effects that are hazardous to the health, it is recommended not to breathe the vapours for long periods of time.

Dangerous health implications:

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on the means of exposure:

A- Ingestion (acute effect):

- Acute toxicity: Based on available data, the classification criteria are not met, however, it contains substances classified as dangerous for consumption. For more information see section 3.
- Corrosivity/Irritability: The consumption of a considerable dose can cause irritation in the throat, abdominal pain, nausea and vomiting.

B- Inhalation (acute effect):

- Acute toxicity : Exposure in high concentration can cause a breakdown in the central nervous system causing headache, dizziness, vertigo, nausea, vomiting, confusion, and in serious cases, loss of consciousness.
- Corrosivity/Irritability: Based on available data, the classification criteria are not met. However, it does contain substances classified as hazardous for this effect. For more information see section 3.

C- Contact with the skin and the eyes (acute effect):

- Contact with the skin: Produces skin inflammation.
- Contact with the eyes: Produces serious eye damage after contact.

D- CMR effects (carcinogenicity, mutagenicity and toxicity to reproduction):

- Carcinogenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for the effects mentioned. For more information see section 3.
IARC: 2-butoxyethanol (3); Benzyl acetate (3); Coumarin (3)
- Mutagenicity: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Reproductive toxicity: Suspected of damaging fertility or the unborn child

E- Sensitizing effects:

- Respiratory: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous with sensitising effects. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

F- Specific target organ toxicity (STOT) - single exposure:

Based on available data, the classification criteria are not met. However, it contains substances classified as hazardous for inhalation. For more information see section 3.

G- Specific target organ toxicity (STOT)-repeated exposure:

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- Specific target organ toxicity (STOT)-repeated exposure: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.
- Skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

H- Aspiration hazard:

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

Other information:

Not applicable (N/A)

Specific toxicology information on the substances:

	Identification	Acute toxicity	Genus
2-butoxyethanol	LD50 oral 1200 mg/kg (ATEi) Rat CAS: 111-76-2	LD50 dermal 3000 mg/kg Rabbit	LC50 inhalation 3 mg/L (ATEi)
Alkylbenzyl Sodium Sulfonate	LD50 oral 500 mg/kg (ATEi) CAS: Proprietary	LD50 dermal Not applicable (N/A)	LC50 inhalation Not applicable (N/A)
tetrasodium ethylene diamine tetraacetate	LD50 oral 1700 mg/kg Rat CAS: 64-02-8	LD50 dermal Not applicable (N/A)	LC50 inhalation Not applicable (N/A)

Acute Toxicity Estimate (ATE mix):

ATE mix Ingredient(s) of unknown toxicity

Oral 2033.9 mg/kg (Calculation method) 3.06 %
 Dermal >5000 mg/kg (Calculation method) Non-applicable
 Inhalation 19.71 mg/L (4 h) (Calculation method) 25.76 %

The experimental information related to the eco-toxicological properties of the product itself is not available

Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

12.1 Ecotoxicity (aquatic and terrestrial, where available):

Acute toxicity:

	Identification	Concentration	Species	Genus
2-butoxyethanol	LC50 1490 mg/L (96 h) Lepomis macrochirus Fish CAS: 111-76-2	EC50 1815 mg/L (48 h) Daphnia magna Crustacean	EC50 911 mg/L (72 h) Pseudokirchneriella subcapitata Algae	
tetrasodium ethylene diamine tetraacetate	LC50 121 mg/L (96 h) Lepomis macrochirus Fish CAS: 64-02-8	EC50 140 mg/L (48 h) Daphnia magna Crustacean	EC50 Not applicable (N/A)	

Chronic toxicity:

	Identification	Concentration	Species	Genus
2-butoxyethanol	NOEC 100 mg/L Danio rerio Fish CAS: 111-76-2	NOEC 100 mg/L Daphnia magna Crustacean	tetrasodium ethylene diamine tetraacetate	NOEC 25.7 mg/L Danio rerio Fish CAS: 64-02-8
				NOEC 25 mg/L Daphnia magna Crustacean

12.2 Persistence and degradability:

Substance-specific information:

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2-butoxyethanol BOD5 0.71 g O2/g Concentration 100 mg/L CAS: 111-76-2 COD 2.2 g O2/g Period 14 days BOD5/COD 0.32 %
Biodegradable 96 %

12.3 Bioaccumulative potential:

Substance-specific information:

2-butoxyethanol BCF 3
CAS: 111-76-2 Pow Log 0.83

tetrasodium ethylene diamine tetraacetate BCF 2
CAS: 64-02-8 Pow Log -13

Identification Bioaccumulation potential

Potential Low

Potential Low

12.4 Mobility in soil:

Identification Absorption/desorption Volatility

2-butoxyethanol Koc 8 Henry 1.621E-1 Pa·m³/mol CAS: 111-76-2 Conclusion Very High Dry soil No Surface tension 2.729E-2 N/m (77 °F) Moist soil Yes

tetrasodium ethylene diamine tetraacetate Koc 1046 Henry 0E+0 Pa·m³/mol CAS: 64-02-8 Conclusion Low Dry soil No Surface tension Not applicable (N/A) Moist soil No

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

13.1 Disposal methods:

IT IS THE RESPONSIBILITY OF THE WASTE GENERATOR TO EVALUATE WHETHER HIS WASTES ARE HAZARDOUS BY CHARACTERISTICS OR LISTING.

Waste management (disposal and evaluation):

Follow RCRA framework and EPA regulation for to ensure that hazardous waste is managed safely and properly. Waste should not be disposed of to drains. Remind, It is the responsibility of the waste generator to evaluate whether his wastes are hazardous by characteristics or listing. See section 6 for further information about Accidental release measures.

Regulations related to waste management:

Legislation related to waste management:

40 CFR Solid Wastes - Part 239 through 282.

State regulatory requirements for generators may be more stringent than those in the federal program. Be sure to check the state's policies.

Transport of dangerous goods by land:

With regard to 49 CFR on the Transport of Dangerous Goods:

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- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises
Physico-Chemical properties: see section 9

- 14.7 Transport in bulk (according to**
Not applicable (N/A)
Annex II of MARPOL 73/78 and the IBC Code):

Transport of dangerous goods by sea:

With regard to IMDG 40-20:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Special regulations: Not applicable (N/A)

EmS Codes:

Physico-Chemical properties: see section 9

Limited quantities: Not applicable (N/A)

Segregation group: Not applicable (N/A)

- 14.7 Transport in bulk (according to**
Not applicable (N/A)
Annex II of MARPOL 73/78 and the IBC Code):

Transport of dangerous goods by air:

With regard to IATA/ICAO 2023:

- 14.1 UN number:** Not applicable (N/A)
14.2 UN proper shipping name: Not applicable (N/A)
14.3 Transport hazard class(es): Not applicable (N/A)
Labels: Not applicable (N/A)
14.4 Packing group, if applicable: Not applicable (N/A)
14.5 Marine pollutant: No
14.6 Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises

Physico-Chemical properties: see section 9

- 14.7 Transport in bulk (according to**
Not applicable (N/A)
Annex II of MARPOL 73/78 and the IBC Code):

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



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- CALIFORNIA LABOR CODE - The Hazardous Substances List: *2-butoxyethanol (111-76-2)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: Not applicable (N/A)
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: Not applicable (N/A) - CANADA-Domestic Substances List (DSL): *Alkylbenzyl Sodium Sulfonate (Proprietary)* ; *2-butoxyethanol (111-76-2)* ; *tetrasodium ethylene diamine tetraacetate (64-02-8)* ; *Sodium 4(or 5)-methyl-1H-benzotriazole (64665-57-2)* - CANADA-Non-Domestic Substances List (NDSL): Not applicable (N/A)
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *2-butoxyethanol (111-76-2)* - 1 lb
- Hazardous Air Pollutants (Clean Air Act): *2-butoxyethanol (111-76-2)*
- Massachusetts RTK - Substance List: *2-butoxyethanol (111-76-2)*
- Minnesota - Hazardous substances ERTK: *2-butoxyethanol (111-76-2)*
- New Jersey Worker and Community Right-to-Know Act: *2-butoxyethanol (111-76-2)*
- New York RTK - Substance list: *2-butoxyethanol (111-76-2)*
- NTP (National Toxicology Program): Not applicable (N/A)
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Not applicable (N/A)
- Pennsylvania Worker and Community Right-to-Know Law: *2-butoxyethanol (111-76-2)*
- Rhode Island - Hazardous substances RTK: *2-butoxyethanol (111-76-2)*
- The Toxic Substances Control Act (TSCA) : *Alkylbenzyl Sodium Sulfonate (Proprietary)* ; *2-butoxyethanol (111-76-2)* ; *tetrasodium ethylene diamine tetraacetate (64-02-8)* ; *Sodium 4(or 5)-methyl-1H-benzotriazole (64665-57-2)* - Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *2-butoxyethanol (111-76-2)* **Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of the local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of this product.

Other legislation:

Take into consideration other applicable federal, state, and local laws and local regulations.

Legislation related to safety data sheets:

This safety data sheet has been designed in accordance with Appendix d to §1910.1200 - Safety data sheets **Texts of the legislative phrases mentioned in section 2:**

H315: Causes skin irritation.

H318: Causes serious eye damage.

H361: Suspected of damaging fertility or the unborn child.

H332: Harmful if inhaled.

H227: Combustible liquid.

Texts of the legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present merely for informative purposes and refer to the individual components which appear in section 3

29 CFR 1910.1200:

Acute Tox. 3: H331 - Toxic if inhaled.

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Dam. 1: H318 - Causes serious eye damage.

Eye Irrit. 2A: H319 - Causes serious eye irritation.

Flam. Liq. 4: H227 - Combustible liquid.

Repr. 2: H361 - Suspected of damaging fertility or the unborn child.

Skin Corr. 1B: H314 - Causes severe skin burns and eye damage.

Skin Irrit. 2: H315 - Causes skin irritation.

STOT SE 3: H335 - May cause respiratory irritation.

Advice related to training:

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

- CONTINUED ON NEXT PAGE -

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Safety data sheet

according to 29 CFR 1910.1200



UF342 - Conditioner Cherry Red 342

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Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

Abbreviations and acronyms:

IMDG: International maritime dangerous goods code

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

COD: Chemical Oxygen Demand

BOD5: 5-day biochemical oxygen demand

BCF: Bioconcentration factor

LD50: Lethal Dose 50

CL50: Lethal Concentration 50

EC50: Effective concentration 50

Log-POW: Octanol-water partition coefficient

Koc: Partition coefficient of organic carbon

IARC: International Agency for Research on Cancer

Date of compilation: 6/3/2019

Revised: 1/22/2025

Manufacturer Disclaimer: The information contained in this safety data sheet ("SDS") is based on sources, technical knowledge and current legislation. Furthermore, is based on data believed to be accurate; thus, the company does not assume any liability for its accuracy. The information provided herein cannot be considered a guarantee of the properties of this product and the same is simply a description of the security requirements. The use, occupational methodology and/or conditions for users of this product are not within our awareness or control. It is ultimately the responsibility of the user(s) to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information of this SDS only refers to this product, which should not be used for purposes other than those specified. Finally, the manner in which this product is used and whether there is any infringement of patents is the sole responsibility of the user(s).

END OF SAFETY DATA SHEET

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