



Printing: 9/25/2025

Date of compilation: 4/11/2025


Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 1: IDENTIFICATION

- 1.1 Product identifier:** SDS011 - DAYFRESH LEMON
Ethanol
CAS: 64-17-5
Other means of identification:
Lemon Scented Deodorizing Solution
ITEM CODE (GAL.): 426237
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses (Consumer use):
- Deodorizer
Relevant uses (Professional users):
- Deodorizer
Relevant uses (Industrial user):
- Deodorizer
Relevant Uses (Industrial, Professional):
- Laundry additive
- Aircare in nursing homes, hospitals, schools, restaurants, etc
- Odor control in trash areas, restrooms, offices
Uses advised against:
- All uses not specified in this section or in section 7.3
- 1.3 Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party:**
Daycon Products Company, Inc.
16001 Trade Zone Avenue
20774 Upper Marlboro - Maryland - United States
Phone: 800-394-0019
cswensen@daycon.com
www.daycon.com
- 1.4 Emergency phone number:** INFOTRAC: 01-800-535-5053

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
29 CFR 1910.1200:
Classification of the chemical in accordance with paragraph (d)(1)(i) of §1910.1200
Eye Irrit. 2A: Eye irritation, Category 2A, H319
- 2.2 Label elements:**
29 CFR 1910.1200:
Warning

Hazard statements:
Eye Irrit. 2A: H319 - Causes serious eye irritation.
Precautionary statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash thoroughly after use.
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of the contents/containers according to the local, state and federal regulations.

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 2: HAZARD(S) IDENTIFICATION (continued)

Additional labeling:



WARNING

Keep out of the reach of children

This product can expose you to chemicals including methanol, which is [are] known to the State of California to cause cancer, and acetaldehyde, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)

May irritate eyes. Do not get in eyes. Keep out of reach of children.

FIRST AID TREATMENT

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.

Contains .

2.3 Hazards not otherwise classified (HNOC):




Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:

Chemical description: Miscellaneous products

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: 64-17-5	Ethanol Flam. Liq. 2: H225 - Danger 	2.5 - <10 %
CAS: 68439-46-3	Alcohol ethoxylated (C9-C11) Acute Tox. 4: H302; Eye Dam. 1: H318 - Danger  	2.5 - <10 %

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

3.2 Mixtures:

Non-applicable

SECTION 4: FIRST-AID MEASURES

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:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

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:

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 4: FIRST-AID MEASURES (continued)

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:

Non-applicable

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

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 Self Contained Breathing Apparatus. 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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. Evacuate the area and keep out those without protection. Personal protection equipment must be used against potential contact with the spilt product (See section 8). Above all prevent the formation of any vapour-air flammable mixtures, through either ventilation or the use of an inert medium. Remove any source of ignition. Eliminate electrostatic charges by interconnecting all the conductive surfaces on which static electricity could form, and also ensuring that all surfaces are connected to the ground.

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:

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.

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 6: ACCIDENTAL RELEASE MEASURES (continued)

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

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

Avoid the evaporation of the product as it contains flammable substances, which could form flammable vapour/air mixtures in the presence of sources of ignition. Control sources of ignition (mobile phones, sparks,...) and transfer at slow speeds to avoid the creation of electrostatic charges. Consult section 10 for conditions and materials that should be avoided.

C.- Technical recommendations on general occupational hygiene

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.- Specific storage requirements

Minimum Temp.: 41 °F

Maximum Temp.: 86 °F

Maximum time: 12 Months

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

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

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

Identification	Occupational exposure limits		
Ethanol CAS: 64-17-5	8-hour TWA PEL	1000 ppm	1900 mg/m ³
	Ceiling Values - TWA PEL		
2-methylpropan-2-ol CAS: 75-65-0	8-hour TWA PEL	100 ppm	300 mg/m ³
	Ceiling Values - TWA PEL		

(1) Skin

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

Identification	Occupational exposure limits		
methanol ⁽¹⁾ CAS: 67-56-1	8-hour TWA PEL	200 ppm	260 mg/m ³
	Ceiling Values - TWA PEL		
acetaldehyde CAS: 75-07-0	8-hour TWA PEL	200 ppm	360 mg/m ³
	Ceiling Values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
Ethanol CAS: 64-17-5	TLV-TWA		
	TLV-STEL	1000 ppm	
2-methylpropan-2-ol CAS: 75-65-0	TLV-TWA	100 ppm	
	TLV-STEL		
methanol ⁽¹⁾ CAS: 67-56-1	TLV-TWA	200 ppm	
	TLV-STEL	250 ppm	
acetaldehyde CAS: 75-07-0	TLV-TWA		
	TLV-STEL	25 ppm	

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

Identification	Occupational exposure limits		
2-methylpropan-2-ol CAS: 75-65-0	PEL	100 ppm	300 mg/m ³
	STEL	150 ppm	450 mg/m ³
methanol ⁽¹⁾ CAS: 67-56-1	PEL	200 ppm	260 mg/m ³
	STEL	250 ppm	325 mg/m ³
acetaldehyde CAS: 75-07-0	PEL	25 ppm	45 mg/m ³
	STEL		

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

Identification	Occupational exposure limits		
2-methylpropan-2-ol CAS: 75-65-0	TWA		
	IDLH Value	1600 ppm	
methanol ⁽¹⁾ CAS: 67-56-1	TWA		
	IDLH Value	6000 ppm	
acetaldehyde CAS: 75-07-0	TWA		
	IDLH Value	2000 ppm	

⁽¹⁾ Skin

Biological limit values:

Biological Exposure Indices (BEIs®) - ACGIH

Identification	BEIs®	Determinant	Sampling Time
methanol CAS: 67-56-1	15 mg/L	Methanol 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

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

- CONTINUED ON NEXT PAGE -




Printing: 9/25/2025

Date of compilation: 4/11/2025


Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

Pictogram	PPE	Remarks
 Mandatory hand protection	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 and OSHA standard 1910.138 (29CFR)

D.- Eye and face protection



Pictogram	PPE	Remarks
 Mandatory face protection	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)

E.- Bodily protection

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

40 CFR Part 59 (VOC):

V.O.C.(weight-percent):	6.96 % weight
V.O.C. at 68 °F:	396.34 kg/m ³ (396.34 g/L)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent):	6.96 % weight
V.O.C. at 68 °F:	396.34 kg/m ³ (396.34 g/L)

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

V.O.C.(weight-percent):	6.96 % weight
V.O.C. at 68 °F:	396.34 kg/m ³ (396.34 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent):	6.96 % weight
V.O.C. at 68 °F:	396.34 kg/m ³ (396.34 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

*Non-applicable due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F:	Liquid
Appearance:	Transparent
Color:	Amber
Odor:	Non-applicable *
Odour threshold:	Non-applicable *

Volatility:

Boiling point at atmospheric pressure:	208 °F
Vapour pressure at 68 °F:	2278 Pa
Vapour pressure at 122 °F:	12005.42 Pa (12.01 kPa)
Evaporation rate at 68 °F:	Non-applicable *

Product description:

Density at 68 °F:	1005.7 kg/m ³
Relative density at 68 °F:	1.006
Dynamic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 104 °F:	Non-applicable *
Concentration:	Non-applicable *
pH:	≈6 - 8
Vapour density at 68 °F:	Non-applicable *
Partition coefficient n-octanol/water 68 °F:	Non-applicable *
Solubility in water at 68 °F:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *

Flammability:

Flash Point:	>212 °F
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	365 °F
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *

Particle characteristics:

Median equivalent diameter:	Non-applicable *
-----------------------------	------------------

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *

Other safety characteristics:

*Non-applicable due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Surface tension at 68 °F: Non-applicable *

Refraction index: Non-applicable *

*Non-applicable due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

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:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Precaution	Precaution	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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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

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: 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.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: 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.

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

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces eye damage after contact.

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

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

- 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: Ethanol (1); acetaldehyde (2B); C.I. Acid Red 14 (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: 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.

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, as it does not contain substances classified as hazardous for this effect. For more information see section 3.

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

- 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:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Ethanol CAS: 64-17-5	LD50 oral	10470 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
	LC50 inhalation vapour		
Alcohol ethoxylated (C9-C11) CAS: 68439-46-3	LD50 oral	1400 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
	LC50 inhalation vapour		

SECTION 12: ECOLOGICAL INFORMATION

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
Ethanol CAS: 64-17-5	LC50	Non-applicable		
	EC50	5012 mg/L (48 h)	Ceriodaphnia dubia	Crustacean
	EC50	275 mg/L (72 h)	Chlorella vulgaris	Algae
Alcohol ethoxylated (C9-C11) CAS: 68439-46-3	LC50	113 mg/L (96 h)	QSAR	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		

Chronic toxicity:

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 12: ECOLOGICAL INFORMATION (continued)

Identification	Concentration		Species	Genus
Ethanol	NOEC	250 mg/L	Danio rerio	Fish
CAS: 64-17-5	NOEC	2 mg/L	Ceriodaphnia dubia	Crustacean

12.2 Persistence and degradability:

Substance-specific information:

Identification	Degradability		Biodegradability	
Ethanol	BOD5	Non-applicable	Concentration	3 mg/L
CAS: 64-17-5	COD	Non-applicable	Period	20 days
	BOD5/COD	Non-applicable	% Biodegradable	84 %

12.3 Bioaccumulative potential:

Substance-specific information:

Identification	Bioaccumulation potential	
Ethanol	BCF	
CAS: 64-17-5	Pow Log	-0.35
	Potential	

12.4 Mobility in soil:

Non-applicable

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

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.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated for transport.

SECTION 15: REGULATORY INFORMATION

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

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 15: REGULATORY INFORMATION (continued)

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *methanol (67-56-1)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: *acetaldehyde (75-07-0)*
- CANADA-Domestic Substances List (DSL): *Water (7732-18-5)*; *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*; *Alcohol ethoxylated (C9-C11) (68439-46-3)*; *C.I.Acid Red 14 (3567-69-9)*; *C.I.Acid Black 1 (1064-48-8)*; *C.I.Acid Green 25 (4403-90-1)*; *C.I.Acid Yellow 36 (587-98-4)*; *C.I.Acid yellow 17 (6359-98-4)*; *Alcohols, C10-16, ethoxylated, sulfates, sodium salts (68585-34-2)*
- CANADA-Non-Domestic Substances List (NDSL): Non-applicable
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *methanol (67-56-1)* - *U154*; *acetaldehyde (75-07-0)* - *U001*
- Hazardous Air Pollutants (Clean Air Act): *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- Massachusetts RTK - Substance List: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- Minnesota - Hazardous substances ERTK: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- New Jersey Worker and Community Right-to-Know Act: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- New York RTK - Substance list: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- NTP (National Toxicology Program): *acetaldehyde (75-07-0)*
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- Pennsylvania Worker and Community Right-to-Know Law: *Ethanol (64-17-5)*
- Protective Action Criteria (PAC) with AEGLs, ERPGs, & TEELs: *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- Rhode Island - Hazardous substances RTK: *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- SB-258 Cleaning Product Right to Know Act : *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*
- The Toxic Substances Control Act (TSCA) : *Water (7732-18-5)*; *Ethanol (64-17-5)*; *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*; *Alcohol ethoxylated (C9-C11) (68439-46-3)*; *C.I.Acid Red 14 (3567-69-9)*; *C.I.Acid Black 1 (1064-48-8)*; *C.I.Acid Green 25 (4403-90-1)*; *C.I.Acid Yellow 36 (587-98-4)*; *C.I.Acid yellow 17 (6359-98-4)*; *Alcohols, C10-16, ethoxylated, sulfates, sodium salts (68585-34-2)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *2-methylpropan-2-ol (75-65-0)*; *methanol (67-56-1)*; *acetaldehyde (75-07-0)*

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

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

SECTION 16: OTHER INFORMATION

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:

H319: Causes serious eye irritation.

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. 4: H302 - Harmful if swallowed.

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

Flam. Liq. 2: H225 - Highly flammable liquid and vapour.

Advice related to training:

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

Principal bibliographical sources:

Occupational Safety & Health Administration (OSHA).

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 4/11/2025

Revised: 5/1/2025

Version: 2 (Replaced 1)

SECTION 16: OTHER INFORMATION (continued)

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

NFPA:

Health Hazards: 1
Flammability Hazards: 1
Instability Hazards: 0
Special Hazards: Non-applicable



Date of compilation: 4/11/2025
Revised: 5/1/2025

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer and distributor, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.

END OF SAFETY DATA SHEET



Printing: 9/25/2025



Date of compilation: 9/25/2025

Version: 1

SECTION 1: IDENTIFICATION

- 1.1 Product identifier:** SDS439 - DAYFRESH ISLAND FUSION
- Other means of identification:**
Item Number (Gallon): 617100
- 1.2 Recommended use of the chemical and restrictions on use:**
Relevant uses (Consumer use):
- Deodorizer
Relevant uses (Professional users):
- Deodorizer
Relevant Use (Consumer, Professional):
Air Freshener
Laundry Additive
Additive for unscented detergents.
Uses advised against:
- All uses not specified in this section or in section 7.3
- 1.3 Name, U.S. address, and U.S. telephone number of the chemical manufacturer, importer, or other responsible party:**
Daycon Products Company, Inc.
16001 Trade Zone Avenue
20774 Upper Marlboro - Maryland - United States
Phone: 800-394-0019
cswensen@daycon.com
www.daycon.com
- 1.4 Emergency phone number:** INFOTRAC: 01-800-535-5053

SECTION 2: HAZARD(S) IDENTIFICATION

- 2.1 Classification of the substance or mixture:**
29 CFR 1910.1200:
Classification of the chemical in accordance with paragraph (d)(1)(i) of §1910.1200
Eye Irrit. 2A: Eye irritation, Category 2A, H319
- 2.2 Label elements:**
29 CFR 1910.1200:
Warning

Hazard statements:
Eye Irrit. 2A: H319 - Causes serious eye irritation.
Precautionary statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P264: Wash thoroughly after use.
P280: Wear protective gloves/protective clothing/eye protection/protective footwear.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313: If eye irritation persists: Get medical advice/attention.
P501: Dispose of the contents/containers according to the local, state and federal regulations.
Additional labeling:

WARNING

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 2: HAZARD(S) IDENTIFICATION (continued)

Keep out of the reach of children

This product can expose you to chemicals including methanol, which is [are] known to the State of California to cause cancer, and acetaldehyde, which is [are] known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Federal Hazardous Substances Act (FHSA) >> Irritant (Eyes)

May irritate eyes. Do not get in eyes. Keep out of reach of children.

FIRST AID TREATMENT

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do and continue rinsing. If eye irritation persists: Get medical advice/attention.

Contains .

Federal Hazardous Substances Act (FHSA) >> Combustible.

Combustible. Keep away from flames or sparks.

2.3 Hazards not otherwise classified (HNOC):

Non-applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances:


Non-applicable

3.2 Mixtures:

Chemical description: Miscellaneous 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: 68439-46-3	Alcohol ethoxylated (C9-C11) Acute Tox. 4: H302; Eye Dam. 1: H318 - Danger 	2.5 - <10 %

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

SECTION 4: FIRST-AID MEASURES

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:

This product does not contain substances classified as hazardous for inhalation, however, in case of symptoms of intoxication remove the person affected from the exposure area and provide with fresh air. Seek medical attention if the symptoms get worse or persist.

By skin contact:

In case of contact it is recommended to clean the affected area thoroughly with water and neutral soap. In case of changes to the skin (stinging, redness, rashes, blisters,...), seek medical advice with this Safety Data Sheet

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:

Non-applicable

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Product is non-flammable under normal conditions of storage, handling and use. In the case of combustion as a result of improper handling, storage or use preferably use polyvalent powder extinguishers (ABC powder), in accordance with the Regulation on fire protection systems.

Unsuitable extinguishing media:

Non-applicable

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 Self Contained Breathing Apparatus. 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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:

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.

Prevent the entrance of product in drains, sewers or watercourses. Absorb the spill using sand or inert absorbent and move it to a safe place. Do not absorb in sawdust or other combustible absorbents. Collect the product in appropriate containers and manage it according to current legislation.

Spillages in water or sea:

Small spillages:

Contain spillage using barriers or similar equipment. Use suitable absorbents for collection and treat the waste in accordance with current regulations.

Large spillages:

If possible, contain spillage in open water using barriers or similar equipment. If this is not possible, try to control its spread and collect the product with suitable mechanical means. Always consult experts before using dispersants and make sure you have the necessary approvals if they are to be used. Treat the waste according to current regulations.

6.4 Reference to other sections:

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

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).

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 7: HANDLING AND STORAGE (continued)

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

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.- Specific storage requirements

Minimum Temp.: 41 °F
Maximum Temp.: 86 °F
Maximum time: 12 Months

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

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

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

Identification	Occupational exposure limits		
Ethanol CAS: 64-17-5	8-hour TWA PEL	1000 ppm	1900 mg/m ³
	Ceiling Values - TWA PEL		
2-methylpropan-2-ol CAS: 75-65-0	8-hour TWA PEL	100 ppm	300 mg/m ³
	Ceiling Values - TWA PEL		
methanol ⁽¹⁾ CAS: 67-56-1	8-hour TWA PEL	200 ppm	260 mg/m ³
	Ceiling Values - TWA PEL		
acetaldehyde CAS: 75-07-0	8-hour TWA PEL	200 ppm	360 mg/m ³
	Ceiling Values - TWA PEL		
propan-2-ol CAS: 67-63-0	8-hour TWA PEL	400 ppm	980 mg/m ³
	Ceiling Values - TWA PEL		

US. ACGIH Threshold Limit Values (2022):

Identification	Occupational exposure limits		
Ethanol CAS: 64-17-5	TLV-TWA		
	TLV-STEL	1000 ppm	
2-methylpropan-2-ol CAS: 75-65-0	TLV-TWA	100 ppm	
	TLV-STEL		
methanol ⁽¹⁾ CAS: 67-56-1	TLV-TWA	200 ppm	
	TLV-STEL	250 ppm	
acetaldehyde CAS: 75-07-0	TLV-TWA		
	TLV-STEL	25 ppm	
propan-2-ol CAS: 67-63-0	TLV-TWA	200 ppm	
	TLV-STEL	400 ppm	

⁽¹⁾ Skin

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)

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

Identification	Occupational exposure limits		
2-methylpropan-2-ol CAS: 75-65-0	PEL	100 ppm	300 mg/m ³
	STEL	150 ppm	450 mg/m ³
methanol ⁽¹⁾ CAS: 67-56-1	PEL	200 ppm	260 mg/m ³
	STEL	250 ppm	325 mg/m ³
acetaldehyde CAS: 75-07-0	PEL	25 ppm	45 mg/m ³
	STEL		
propan-2-ol CAS: 67-63-0	PEL	400 ppm	980 mg/m ³
	STEL	500 ppm	1225 mg/m ³

NIOSH: Immediately Dangerous To Life or Health (IDLH) Values:

Identification	Occupational exposure limits		
2-methylpropan-2-ol CAS: 75-65-0	TWA		
	IDLH Value	1600 ppm	
methanol ⁽¹⁾ CAS: 67-56-1	TWA		
	IDLH Value	6000 ppm	
acetaldehyde CAS: 75-07-0	TWA		
	IDLH Value	2000 ppm	
propan-2-ol CAS: 67-63-0	TWA		
	IDLH Value	2000 ppm	

⁽¹⁾ Skin

Biological limit values:

Biological Exposure Indices (BEIs®) - ACGIH

Identification	BEIs®	Determinant	Sampling Time
methanol CAS: 67-56-1	15 mg/L	Methanol in urine	End of shift
propan-2-ol CAS: 67-63-0	40 mg/L	Acetone in urine	End of shift at end of workweek

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

If the working conditions and/or safety measures adopted do not allow keeping the airborne concentration of the product below the exposure limits (if any) or at acceptable levels (if no exposure limits exist), suitable respiratory protection equipment chosen by a qualified professional should be used.

C.- Specific protection for the hands

Pictogram	PPE	Remarks
 Mandatory hand protection	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 and OSHA standard 1910.138 (29CFR)

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

- CONTINUED ON NEXT PAGE -




Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (continued)



Pictogram	PPE	Remarks
 Mandatory face protection	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)

E.- Bodily protection

Pictogram	PPE	Remarks
	Work clothing	Replace before any evidence of deterioration.
	Anti-slip work shoes	Replace before any evidence of deterioration.

F.- Additional emergency measures

It is advised to implement additional emergency equipments in workplaces that are particularly exposed to the product or in situations where risk assessments highlight the necessity of such equipments.

Emergency measure	Standards	Emergency measure	Standards
 Emergency shower	ANSI Z358-1 ISO 3864-1:2011, ISO 3864-4:2011	 Eyewash stations	DIN 12 899 ISO 3864-1:2011, ISO 3864-4:2011

Environmental exposure controls:

To comply with environmental protection regulations, it is recommended to prevent any spillage of the product and its container. For more detailed information, please refer to subsection 7.1.D.

40 CFR Part 59 (VOC):

V.O.C.(weight-percent): 3 % weight
V.O.C. at 68 °F: 274.69 kg/m³ (274.69 g/L)

California Air Resources Board (CARB) - VOC Regulatory:

V.O.C.(weight-percent): 3 % weight
V.O.C. at 68 °F: 274.69 kg/m³ (274.69 g/L)

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

V.O.C.(weight-percent): 3 % weight
V.O.C. at 68 °F: 274.69 kg/m³ (274.69 g/L)

Ozone Transport Commission (OTC) Rules - VOC Regulatory:

V.O.C.(weight-percent): 3 % weight
V.O.C. at 68 °F: 274.69 kg/m³ (274.69 g/L)

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

For complete information see the product datasheet.

Appearance:

Physical state at 68 °F: Liquid
Appearance: Transparent
Color: Gold
Odor: Non-applicable *

*Non-applicable due to the nature of the product, not providing information property of its hazards.

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

Odour threshold:	Non-applicable *
Volatility:	
Boiling point at atmospheric pressure:	210 °F
Vapour pressure at 68 °F:	2320 Pa
Vapour pressure at 122 °F:	12226.25 Pa (12.23 kPa)
Evaporation rate at 68 °F:	Non-applicable *
Product description:	
Density at 68 °F:	1019.5 kg/m ³
Relative density at 68 °F:	1.02
Dynamic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 68 °F:	Non-applicable *
Kinematic viscosity at 104 °F:	Non-applicable *
Concentration:	Non-applicable *
pH:	≈5 - 8
Vapour density at 68 °F:	Non-applicable *
Partition coefficient n-octanol/water 68 °F:	Non-applicable *
Solubility in water at 68 °F:	Non-applicable *
Solubility properties:	Non-applicable *
Decomposition temperature:	Non-applicable *
Melting point/freezing point:	Non-applicable *
Flammability:	
Flash Point:	150 °F
Flammability (solid, gas):	Non-applicable *
Autoignition temperature:	365 °F
Lower flammability limit:	Non-applicable *
Upper flammability limit:	Non-applicable *
Particle characteristics:	
Median equivalent diameter:	Non-applicable *

9.2 Other information:

Information with regard to physical hazard classes:

Explosive properties:	Non-applicable *
Oxidising properties:	Non-applicable *
Corrosive to metals:	Non-applicable *
Heat of combustion:	Non-applicable *
Aerosols-total percentage (by mass) of flammable components:	Non-applicable *

Other safety characteristics:

Surface tension at 68 °F:	Non-applicable *
Refraction index:	Non-applicable *

*Non-applicable due to the nature of the product, not providing information property of its hazards.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity:

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

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 10: STABILITY AND REACTIVITY (continued)

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:

Applicable for handling and storage at room temperature:

Shock and friction	Contact with air	Increase in temperature	Sunlight	Humidity
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

10.5 Incompatible materials:

Acids	Water	Oxidising materials	Combustible materials	Others
Avoid strong acids	Not applicable	Not applicable	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.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects:

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

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: 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.

B- Inhalation (acute effect):

- Acute toxicity : Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for inhalation. For more information see section 3.
- Corrosivity/Irritability: 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.

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

- Contact with the skin: Based on available data, the classification criteria are not met, as it does not contain substances classified as hazardous for skin contact. For more information see section 3.
- Contact with the eyes: Produces 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: Ethanol (1); acetaldehyde (2B); propan-2-ol (3); C.I.Acid Red 14 (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: 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.

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:

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 11: TOXICOLOGICAL INFORMATION (continued)

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.

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

- 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:

Non-applicable

Specific toxicology information on the substances:

Identification	Acute toxicity		Genus
Alcohol ethoxylated (C9-C11) CAS: 68439-46-3	LD50 oral	1400 mg/kg	Rat
	LD50 dermal		
	LC50 inhalation		
	LC50 inhalation vapour		

SECTION 12: ECOLOGICAL INFORMATION

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
Alcohol ethoxylated (C9-C11) CAS: 68439-46-3	LC50	113 mg/L (96 h)	QSAR	Fish
	EC50	Non-applicable		
	EC50	Non-applicable		

12.2 Persistence and degradability:

Non-applicable

12.3 Bioaccumulative potential:

Non-applicable

12.4 Mobility in soil:

Non-applicable

12.5 Results of PBT and vPvB assessment:

Non-applicable

12.6 Other adverse effects:

Not described

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Disposal methods:

Wastes generated by normal household activities (e.g., routine house and yard maintenance) are excluded from the definition of hazardous waste (Title 40 of the Code of Federal Regulations Part 261.4)

Waste management (disposal and evaluation):

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 13: DISPOSAL CONSIDERATIONS (continued)

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.

SECTION 14: TRANSPORT INFORMATION

Transport of dangerous goods by land:

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



- 14.1 UN number:** NA1993
- 14.2 UN proper shipping name:** Combustible liquid, n.o.s. (Ethanol)
- 14.3 Transport hazard class(es):** 3
- Labels:** 3
- 14.4 Packing group, if applicable:** III
- 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

Limited quantities: 5 L

49 CFR 173.150: It can be shipped as a non-hazardous material if the container is under 120 gallons

14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):

Transport of dangerous goods by sea:

With regard to IMDG 41-22:

- 14.1 UN number:** Non-applicable
- 14.2 UN proper shipping name:** Non-applicable
- 14.3 Transport hazard class(es):** Non-applicable
- Labels:** Non-applicable
- 14.4 Packing group, if applicable:** Non-applicable
- 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:** Non-applicable
- EmS Codes:**
- Physico-Chemical properties:** see section 9
- Limited quantities:** Non-applicable
- Segregation group:** Non-applicable
- 14.7 Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Non-applicable

Transport of dangerous goods by air:

With regard to IATA/ICAO 2025:

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 14: TRANSPORT INFORMATION (continued)

- 14.1 UN number:** Non-applicable
14.2 UN proper shipping name: Non-applicable
14.3 Transport hazard class(es): Non-applicable
Labels: Non-applicable
14.4 Packing group, if applicable: Non-applicable
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 Annex II of MARPOL 73/78 and the IBC Code): Non-applicable

SECTION 15: REGULATORY INFORMATION

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

- CALIFORNIA LABOR CODE - The Hazardous Substances List: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Birth defects or other reproductive harm: *methanol (67-56-1)*
- California Proposition 65 (the Safe Drinking Water and Toxic Enforcement Act of 1986) - Cancer: *acetaldehyde (75-07-0)*
- CANADA-Domestic Substances List (DSL): *Water (7732-18-5)* ; *Alcohol ethoxylated (C9-C11) (68439-46-3)* ; *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *Sodium octane-1-sulphonate monohydrate (5324-84-5)* ; *propan-2-ol (67-63-0)* ; *Sodium sulphate (7757-82-6)* ; *C.I.Acid Red 14 (3567-69-9)* ; *C.I.Acid Black 1 (1064-48-8)* ; *C.I.Acid Green 25 (4403-90-1)* ; *C.I.Acid Yellow 36 (587-98-4)* ; *C.I.Acid yellow 17 (6359-98-4)*
- CANADA-Non-Domestic Substances List (NDSL): Non-applicable
- Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) - Reportable Quantities: *methanol (67-56-1)* - *U154* ; *acetaldehyde (75-07-0)* - *U001*
- Hazardous Air Pollutants (Clean Air Act): *methanol (67-56-1)* ; *acetaldehyde (75-07-0)*
- Massachusetts RTK - Substance List: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)* ; *Sodium sulphate (7757-82-6)*
- Minnesota - Hazardous substances ERTK: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)*
- New Jersey Worker and Community Right-to-Know Act: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)*
- New York RTK - Substance list: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)*
- NTP (National Toxicology Program): *acetaldehyde (75-07-0)*
- OSHA Specifically Regulated Substances (29 CFR 1910.1001-1096): Non-applicable
- Pennsylvania Worker and Community Right-to-Know Law: *Ethanol (64-17-5)*
- Protective Action Criteria (PAC) with AEGLs, ERPGs, & TEELs: *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)* ; *Sodium sulphate (7757-82-6)*
- Rhode Island - Hazardous substances RTK: *methanol (67-56-1)* ; *acetaldehyde (75-07-0)*
- SB-258 Cleaning Product Right to Know Act : *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)* ; *Sodium sulphate (7757-82-6)*
- The Toxic Substances Control Act (TSCA) : *Water (7732-18-5)* ; *Alcohol ethoxylated (C9-C11) (68439-46-3)* ; *Ethanol (64-17-5)* ; *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *Sodium octane-1-sulphonate monohydrate (5324-84-5)* ; *propan-2-ol (67-63-0)* ; *Sodium sulphate (7757-82-6)* ; *C.I.Acid Red 14 (3567-69-9)* ; *C.I.Acid Black 1 (1064-48-8)* ; *C.I.Acid Green 25 (4403-90-1)* ; *C.I.Acid Yellow 36 (587-98-4)* ; *C.I.Acid yellow 17 (6359-98-4)*
- Toxic chemical release reporting under EPCRA section 313 (40 CFR Part 372): *2-methylpropan-2-ol (75-65-0)* ; *methanol (67-56-1)* ; *acetaldehyde (75-07-0)* ; *propan-2-ol (67-63-0)*

Specific provisions in terms of protecting people or the environment:

It is recommended to use the information provided in this safety data sheet as a foundation for conducting workplace-specific risk assessments. These assessments will help establish the appropriate risk prevention measures for handling, using, storing, and disposing of this product.

Other legislation:

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

Other information:

- CONTINUED ON NEXT PAGE -



Printing: 9/25/2025

Date of compilation: 9/25/2025

Version: 1

SECTION 15: REGULATORY INFORMATION (continued)

All the ingredients in the formulation are on the TSCA Inventory.

SECTION 16: OTHER INFORMATION

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:

H319: Causes serious eye irritation.

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. 4: H302 - Harmful if swallowed.

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

Advice related to training:

According to 29 CFR 1910. 1200, training on chemical hazards is necessary for employees using this product. This training will facilitate their understanding and interpretation of the safety data sheet, as well as the product label.

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

NFPA:

Health Hazards: 1

Flammability Hazards: 2

Instability Hazards: 0

Special Hazards: Non-applicable



Date of compilation: 9/25/2025

Information in this Safety Data Sheet (SDS) is based on sources other than direct test data and is given in good faith. No warranty is expressed or implied. We believe that the information is current as of the date of this SDS. The use of this information, the conditions, the methods of handling, storage, use and disposal of the product are not within the control of the manufacturer and distributor, therefore it is the user's responsibility and obligation to determine the conditions of the safe use of this product and to ensure that its activities comply with all laws and regulations.

END OF SAFETY DATA SHEET