



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
US OSHA Hazard Communication Standard 2024 (29 CFR 1910.1200) and Canada
Hazardous Products Act (HPA) and the Hazardous Products Regulation (HPR), as
amended

Issuing Date 09-Jul-2025

Revision date 02-Jul-2026

Revision Number 2

1. Identification

Product identifier

Product Name up & up

Other means of identification

Product Code(s) 1396140_TG

UN number or ID number UN1170

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended use Hand sanitizer - Liquid

Restrictions on use No information available

Details of the supplier of the safety data sheet

Supplier Name Consumer Product Partners

Supplier Address

8515 Page Avenue
Saint Louis
MO
63114
US

Emergency telephone number

Supplier Phone Number Phone:3144271000
Fax:3144271010

24 Hour Emergency Phone Number 18004249300

Emergency Telephone No information available

2. Hazard(s) identification

Classification of the substance or mixture

Flammable liquids	Category 2
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Label elements

**Danger****Hazard statements**

Highly flammable liquid and vapor.

Precautionary Statements - Prevention

Ground and bond container and receiving equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Keep container tightly closed.

Use explosion-proof electrical, ventilating and lighting equipment.

Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

Precautionary Statements - Response**Skin**

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

Fire

In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Precautionary Statements - Storage

Store in a well-ventilated place. Keep cool.

Precautionary Statements - Disposal

Dispose of contents and container in accordance with local, regional, national, and international regulations as applicable.

Hazards classified under paragraph (d)(1)(ii) of 1910.1200

No information available.

Other information

May be harmful if inhaled. Toxic to aquatic life.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No.	Weight-%	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Ethyl alcohol	64-17-5	54.59938	-	-
Water, distilled, conductivity or of similar purity	7732-18-5	44.35873	-	-
Glycerin	56-81-5	0.4975	-	-
Carbomer	9003-01-4	0.215	-	-
Aloe Vera	85507-69-3	0.1993	-	-
Isopropyl myristate	110-27-0	0.05	-	-
Tocopheryl acetate	7695-91-2	0.01	-	-

Inhalation	Remove to fresh air.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
Ingestion	Rinse mouth.
Self-protection of the first aider	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. See section 8 for more information.

Most important symptoms and effects, both acute and delayed

Symptoms	No information available.
Effects of Exposure	No information available.

Indication of any immediate medical attention and special treatment needed

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

<u>Suitable Extinguishing Media</u>	Dry chemical. Carbon dioxide (CO ₂). Water spray. Alcohol resistant foam.
Unsuitable extinguishing media	Do not scatter spilled material with high pressure water streams.
<u>Specific hazards arising from the chemical</u>	Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Hazardous combustion products	Carbon oxides.
<u>Explosion data</u>	
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.
<u>Special protective equipment and precautions for fire-fighters</u>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.
Other information	Ventilate the area.

Methods and material for containment and cleaning up

Methods for containment	Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.
Methods for cleaning up	Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.
Prevention of secondary hazards	Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Use personal protective equipment. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

General hygiene considerations

Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

8. Exposure controls/personal protection

Control Parameters

Exposure Limits

Chemical name	ACGIH TLV	OSHA PEL	NIOSH
Ethyl alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	-
Third Party Formulation (TP # 1826803)	TWA: 10 ppm	-	-
Third Party Formulation (TP # 1826803)	TWA: 0.5 ppm pSk	-	-

Third Party Formulation (TP # 1826803)	TWA: 1 ppm vapor STEL: 2 ppm vapor fraction	TWA: 1 ppm vapor TWA: 7 mg/m ³ vapor (vacated) TWA: 1 ppm vapor (vacated) TWA: 7 mg/m ³ vapor	TWA: 1 ppm; vapor TWA: 7 mg/m ³ ; vapor IDLH: 100 ppm vapor
Third Party Formulation (TP # 1826803)	TWA: 5 ppm inhalable fraction and vapor pSk DS	-	-

Chemical name	Alberta	British Columbia	Ontario	Quebec
Ethyl alcohol 64-17-5	TWA: 1000 ppm; TWA: 1880 mg/m ³ ;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEV: 1000 ppm;
Glycerin 56-81-5	TWA: 10 mg/m ³ ;	TWA: 10 mg/m ³ ; TWA: 3 mg/m ³ ; respirable	-	TWAEV: 10 mg/m ³ ; mist
Third Party Formulation (TP # 1826803)	TWA: 10 ppm; TWA: 61 mg/m ³ ;	TWA: 10 ppm;	TWA: 10 ppm;	TWAEV: 10 ppm;
Third Party Formulation (TP # 1826803)	-	Adverse reproductive effect Sk	-	-
Third Party Formulation (TP # 1826803)	TWA: 1 ppm; vapour TWA: 7 mg/m ³ ; vapour STEL: 2 ppm; vapour STEL: 14 mg/m ³ ; vapour	TWA: 1 ppm; vapour STEL: 2 ppm; vapour	TWA: 1 ppm; vapor STEL: 2 ppm; vapor	TWAEV: 1 ppm; vapour TWAEV: 7 mg/m ³ ; vapour STEV: 2 ppm; vapour STEV: 14 mg/m ³ ; vapour
Third Party Formulation (TP # 1826803)	-	Sk DS	TWA: 5 ppm; inhalable fraction and vapor dSk	TWAEV: 5 ppm; Sd

Chemical name	Manitoba	New Brunswick	Newfoundland and Labrador	Nova Scotia
Ethyl alcohol	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;	STEL: 1000 ppm;
Third Party Formulation (TP # 1826803)	TWA: 10 ppm;	TWA: 10 ppm;	TWA: 10 ppm;	TWA: 10 ppm;
Third Party Formulation (TP # 1826803)	TWA: 0.5 ppm; pSk	-	TWA: 0.5 ppm; pSk	TWA: 0.5 ppm; pSk
Third Party Formulation (TP # 1826803)	TWA: 1 ppm; vapor STEL: 2 ppm; vapor fraction	TWA: 1 ppm; vapor STEL: 2 ppm; vapor	TWA: 1 ppm; vapor STEL: 2 ppm; vapor fraction	TWA: 1 ppm; vapor STEL: 2 ppm; vapor fraction
Third Party Formulation (TP # 1826803)	TWA: 5 ppm; inhalable fraction and vapor pSk DS	TWA: 5 ppm; inhalable fraction and vapor pSk	TWA: 5 ppm; inhalable fraction and vapor pSk DS	TWA: 5 ppm; inhalable fraction and vapor pSk DS

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Ethyl alcohol	TWA: 1000 ppm; STEL: 1250 ppm;	STEL: 1000 ppm;	TWA: 1000 ppm; STEL: 1250 ppm;	TWA: 1000 ppm; TWA: 1900 mg/m ³ ; STEL: 1000 ppm; STEL: 1900 mg/m ³ ;
Glycerin	TWA: 10 mg/m ³ ; STEL: 20 mg/m ³ ;	-	TWA: 10 mg/m ³ ; mist STEL: 20 mg/m ³ ; mist	TWA: 30 mppcf; mist TWA: 10 mg/m ³ ; mist

Chemical name	Nunavut	Prince Edward Island	Saskatchewan	Yukon
Third Party Formulation (TP # 1826803)	TWA: 10 ppm; STEL: 20 ppm;	TWA: 10 ppm;	TWA: 10 ppm; STEL: 20 ppm;	-
Third Party Formulation (TP # 1826803)	-	TWA: 0.5 ppm;	-	-
Third Party Formulation (TP # 1826803)	TWA: 1 ppm; vapour STEL: 2 ppm; vapour	TWA: 1 ppm; vapor STEL: 2 ppm; vapor fraction	TWA: 1 ppm; vapour STEL: 2 ppm; vapour	TWA: 1 ppm; vapour TWA: 7 mg/m ³ ; vapour STEL: 2 ppm; vapour STEL: 14 mg/m ³ ; vapour
Third Party Formulation (TP # 1826803)	-	TWA: 5 ppm; inhalable fraction and vapor	-	-

Note See section 16 for terms and abbreviations.

Other information on limit values Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Biological occupational exposure limits This product, as supplied, contains materials that do not have reportable biological exposure limits or are not subject to the reporting requirements of the local jurisdiction.

Appropriate engineering controls

Engineering controls Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

Hand protection Wear suitable gloves.

Skin and body protection Antistatic boots. Chemical resistant apron. Wear fire resistant or flame retardant clothing.

Respiratory protection Appropriate respiratory protection should be selected and used according to the chemical nature, hazards and use of this product and safety requirements of the local jurisdiction. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Color No information available
Odor (includes odor threshold) Floral
Odor threshold No data available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Melting point / freezing point	No data available	None known
Boiling point (or initial boiling point or boiling range)	No data available	None known
Flammability	No data available	None known
Flammability Limit in Air		None known

Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Flash point	22 °C / 71.6 °F	No data available
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
SADT (°C)	No data available	None known
pH	7.0	
pH (as aqueous solution)	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Solubility	No data available	None known
Water solubility	No data available	
Partition coefficient n-octanol/water (log value)	0	
Vapor pressure (includes evaporation rate)	No data available	None known
Evaporation rate	No data available	None known
Density and/or relative density	0.90	
Bulk density	No data available	
Liquid Density	No data available	
Relative vapor density	No data available	None known
Particle characteristics		None known
Particle Size	No data available	
Particle Size Distribution	No data available	
Other information		
Miscible	Yes	

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous polymerization	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	Carbon oxides.

11. Toxicological information

Information on likely routes of exposure

Inhalation	May be harmful if inhaled.
Eye contact	Specific test data for the substance or mixture is not available.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	No information available.
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Acute toxicity

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

Numerical measures of toxicity

The following ATE values have been calculated for the mixture

ATEmix (inhalation-dust/mist) 214.10 mg/L

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
SD Alcohol 39-C	= 7060 mg/kg (Rat)	-	= 116.9 mg/L (Rat) 4 h = 133.8 mg/L (Rat) 4 h
Water (Aqua)	> 90 mL/kg (Rat)	-	-
Vegetable Glycerin	= 27200 mg/kg (Rat)	> 10 g/kg (Rabbit)	> 5.85 mg/L (Rat) 4 h
Carbomer	= 2500 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.1 mg/L (Rat) 4 h
Isopropyl myristate	> 10000 mg/kg (Rat)	= 5 g/kg (Rabbit)	> 41 mg/L (Rat) 1 h
alpha-Tocopherol acetate	-	> 3000 mg/kg (Rat)	-
Third Party Formulation (TP # 1826803)	= 2227 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	> 5 g/kg (Rat)	> 5000 mg/kg (Rabbit)	> 4.93 mg/L (Rat) 4 h
Third Party Formulation (TP # 1826803)	= 3100 mg/kg (Rat)	> 3000 mg/kg (Rabbit)	> 5 mg/L (Rat) 4 h
Third Party Formulation (TP # 1826803)	> 3250 mg/kg (Rat)	> 3250 mg/kg (Rabbit)	> 5.04 mg/L (Rat) 4 h
Third Party Formulation (TP # 1826803)	> 2000 mg/kg (Rat)	= 4000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 1390 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 0.18 mg/L (Rat) 7 h
Third Party Formulation (TP # 1826803)	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3730 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 2790 mg/kg (Rat)	= 5610 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3300 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	-	> 2000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	> 5 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 5 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 2490 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	> 5 g/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 1609 mg/kg (Rat)	= 2535 mg/kg (Rabbit)	> 4.63 mg/L (Rat) 4 h
Third Party Formulation (TP # 1826803)	-	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	-	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3600 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	-	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3450 mg/kg (Rat)	-	-

1826803)			
Third Party Formulation (TP # 1826803)	= 14550 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	> 18.94 mg/L (Rat) 8 h
Third Party Formulation (TP # 1826803)	> 5 g/kg (Rat)	> 8 mL/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3250 µL/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	= 6330 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	= 4500 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3300 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	= 5200 mg/kg (Rat) = 4400 mg/kg (Rat)	> 5 g/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 5200 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 6800 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 2450 mg/kg (Rat)	> 7940 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 6800 mg/kg (Rat)	> 2000 mg/kg (Rat)	> 5 mg/L (Rat) 6 h
Third Party Formulation (TP # 1826803)	= 4600 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	> 2000 mg/kg (Rat)	> 6 mL/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 3810 mg/kg (Rat)	> 5000 mg/kg (Rat)	-
Third Party Formulation (TP # 1826803)	-	> 2000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	> 5 g/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	= 3450 mg/kg (Rat)	= 2650 mg/kg (Rabbit)	-
C.I. Acid Blue 9 (42090)	> 10000 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	-	> 5000 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	= 2400 mg/kg (Rat)	-	-
Third Party Formulation (TP # 1826803)	= 4960 mg/kg (Rat)	= 2250 mg/kg (Rabbit)	-
Third Party Formulation (TP # 1826803)	-	> 2000 mg/kg (Rat)	-
Third Party Formulation (TP # 1826803)	= 6800 mg/kg (Rat)	-	-

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

Skin corrosion/irritation Based on available data, the classification criteria are not met.

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

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

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met. Ethanol has been shown to be carcinogenic in long-term studies only when consumed as alcoholic beverage.

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

Chemical name	ACGIH	IARC	NTP	OSHA
SD Alcohol 39-C	A3 - Confirmed animal carcinogen (with unknown relevance to humans)	Group 1 - Carcinogenic to humans	Known human carcinogen	Present
Carbomer	-	Group 3 - Not classifiable as to its carcinogenicity to humans	-	-
Third Party Formulation (TP # 1826803)	A4 - Not classifiable as a human carcinogen	Group 3 - Not classifiable as to its carcinogenicity to humans	-	-
Third Party Formulation (TP # 1826803)	-	Group 3 - Not classifiable as to its carcinogenicity to humans	-	-
C.I. Acid Blue 9 (42090)	-	Group 3 - Not classifiable as to its carcinogenicity to humans	-	OSHA
Third Party Formulation (TP # 1826803)	A4 - Not classifiable as a human carcinogen	-	-	-

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT - single exposure Based on available data, the classification criteria are not met.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity Toxic to aquatic life.

Aquatic ecotoxicity

Component Information

Chemical name	Fish	Crustacea	Algae/aquatic plants	Toxicity to microorganisms
SD Alcohol 39-C	96h LC50: 12.0 - 16.0 mL/L (Oncorhynchus mykiss) 96h LC50: > 100 mg/L (Pimephales promelas) 96h LC50: 13400 - 15100 mg/L (Pimephales promelas)	48h LC50: 9268 - 14221 mg/L (Daphnia magna) 48h EC50: = 2 mg/L (Daphnia magna)	-	-
Vegetable Glycerin	96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)	-	-	-
Carbomer	96h LC50: = 580 mg/L	-	-	-

	(Lepomis macrochirus)			
Isopropyl myristate	96h LC50: = 8400 mg/L (Brachydanio rerio)	48h EC50: = 100 mg/L (Daphnia magna)	72h EC50: > 100 mg/L (Desmodesmus subspicatus)	-
alpha-Tocopherol acetate	96h LC50: > 100 mg/L (Oncorhynchus mykiss)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 1.03 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 19 mg/L (Oryzias latipes)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 2.32 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: 2.2 - 4.6 mg/L (Brachydanio rerio)	48h EC50: = 10.7 mg/L (Daphnia magna)	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 27.8 mg/L (Oncorhynchus mykiss)	48h EC50: = 20 mg/L (Daphnia magna)	96h EC50: = 88.3 mg/L (Desmodesmus subspicatus)	EC50 = 1000 mg/L 30 min
Third Party Formulation (TP # 1826803)	96h LC50: = 2.3 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 8.6 mg/L (Cyprinus carpio)	-	-	-
Third Party Formulation (TP # 1826803)	-	-	-	EC50 = 3.29 mg/L 5 min EC50 = 3.86 mg/L 15 min EC50 = 4.54 mg/L 30 min
Third Party Formulation (TP # 1826803)	-	48h EC50: = 287.17 mg/L (Daphnia magna)	72h EC50: = 490 mg/L (Desmodesmus subspicatus)	EC50 = 1320 mg/L 17 h
Third Party Formulation (TP # 1826803)	96h LC50: = 24 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 22 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 11 mg/L (Cyprinus carpio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 18.32 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 20.3 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: 0.619 - 0.796 mg/L (Pimephales promelas) 96h LC50: = 35 mg/L (Oncorhynchus mykiss)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 6.1 mg/L (Danio rerio)	-	-	-
Third Party Formulation (TP # 1826803)	96h LC50: = 4 mg/L (Pimephales promelas) 96h LC50: 4 - 7.9 mg/L (Pimephales promelas)	48h LC50: 0.11 - 1.1 mg/L (Daphnia magna)	-	EC50 = 3.64 mg/L 30 min
Third Party Formulation (TP # 1826803)	-	48h EC50: = 7 mg/L (Daphnia magna)	72h EC50: = 16 mg/L (Desmodesmus subspicatus) 96h EC50: = 19 mg/L (Desmodesmus subspicatus)	EC50 = 2100 mg/L 30 min

Terrestrial ecotoxicity**Component Information**

Chemical name	Earthworm	Avian	Honeybees
SD Alcohol 39-C	Acute Toxicity: LC50 0.1 - 1 mg/cm ² (Eisenia foetida, 48 h filter paper)	-	-

Persistence and degradability No information available.

Bioaccumulative potential

Component Information

Chemical name	Partition coefficient	Bioconcentration factor (BCF)	Trophic magnification factor (TMF)
SD Alcohol 39-C	-0.35	-	-
Vegetable Glycerin	-1.75	5	-
Carbomer	0.27	-	-
Aloe Barbadensis Leaf Juice	-2.58	-	-
Isopropyl myristate	7.71	-	-
Third Party Formulation (TP # 1826803)	4	-	-
Third Party Formulation (TP # 1826803)	2.93	-	-
Third Party Formulation (TP # 1826803)	5.3	2507	-
Third Party Formulation (TP # 1826803)	3.97	-	-
Third Party Formulation (TP # 1826803)	4.2	-	-
Third Party Formulation (TP # 1826803)	3.25	-	-
Third Party Formulation (TP # 1826803)	2.498	-	-
Third Party Formulation (TP # 1826803)	2.9	-	-
Third Party Formulation (TP # 1826803)	4.78	-	-
Third Party Formulation (TP # 1826803)	1.65	-	-
Third Party Formulation (TP # 1826803)	5	-	-
Third Party Formulation (TP # 1826803)	4.8	-	-
Third Party Formulation (TP # 1826803)	1.96	-	-
Third Party Formulation (TP # 1826803)	5.5	-	-
Third Party Formulation (TP # 1826803)	1.36	-	-
Third Party Formulation (TP # 1826803)	3.3	-	-
Third Party Formulation (TP # 1826803)	4.2	-	-
Third Party Formulation (TP # 1826803)	2.6	-	-
Third Party Formulation (TP # 1826803)	2.803	-	-

1826803)			
Third Party Formulation (TP # 1826803)	3.9	-	-
Third Party Formulation (TP # 1826803)	2.5	-	-
Third Party Formulation (TP # 1826803)	4.04	-	-
Third Party Formulation (TP # 1826803)	2.76	-	-
Third Party Formulation (TP # 1826803)	3.64	-	-
Third Party Formulation (TP # 1826803)	4.38	-	-
Third Party Formulation (TP # 1826803)	3.5	-	-
Third Party Formulation (TP # 1826803)	4.9	-	-
Third Party Formulation (TP # 1826803)	4.21	470	-
Third Party Formulation (TP # 1826803)	3.535	-	-
Third Party Formulation (TP # 1826803)	3.98	-	-
Third Party Formulation (TP # 1826803)	3.4	-	-
Third Party Formulation (TP # 1826803)	2.4	-	-
Third Party Formulation (TP # 1826803)	3	-	-
Third Party Formulation (TP # 1826803)	3.4	-	-
Tartrazine	-1.572	-	-
Third Party Formulation (TP # 1826803)	3.41	-	-
C.I. Acid Blue 9 (42090)	-6.4	-	-
Third Party Formulation (TP # 1826803)	3.2	-	-
Third Party Formulation (TP # 1826803)	3.2	-	-
Third Party Formulation (TP # 1826803)	2.76	-	-
Third Party Formulation (TP # 1826803)	3.8	-	-
Third Party Formulation (TP # 1826803)	1.95	-	-
Third Party Formulation (TP # 1826803)	3.55	-	-
Third Party Formulation (TP # 1826803)	3	-	-

Mobility in soil No information available.

Other adverse effects No information available.

13. Disposal considerations

Disposal methods

Waste from residues/unused products	Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.
California waste information	This product contains one or more substances that are listed with the State of California as a hazardous waste.

14. Transport information

DOT

UN number or ID number	UN1170
Proper shipping name	ETHANOL SOLUTIONS
Transport hazard class(es)	3
Packing group	III
DOT Marine Pollutant	NP
Description	UN1170, ETHANOL SOLUTIONS, 3, III, Limited Quantity
Special Provisions	24, B1, IB3, T2, TP1
Emergency Response Guide Number	127

TDG

UN number or ID number	UN1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	3
Packing group	III
Description	UN1170, ETHANOL SOLUTION, 3, III, Limited Quantity

MEX

UN number or ID number	UN1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	3
Packing group	III
Description	UN1170, ETHANOL SOLUTION, 3, III
Special Provisions	144, 223

ICAO (air)

UN number or ID number	UN1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	3
Packing group	III
Description	UN1170, ETHANOL SOLUTION, 3, III
Special Provisions	A58, A180, A3

IATA

UN number or ID number	UN1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	3
Packing group	III
Environmental hazards	No
ERG Code	3L
Description	UN1170, ETHANOL SOLUTION, 3, III

IMDG

UN number or ID number	UN1170
UN proper shipping name	ETHANOL SOLUTION
Transport hazard class(es)	3
Packing group	III

Marine pollutant indicator	NP
EmS-No.	F-E, S-D
Description	UN1170, ETHANOL SOLUTION, 3, III

15. Regulatory information

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

International Regulations

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

The Stockholm Convention on Persistent Organic Pollutants Not applicable

The Rotterdam Convention Not applicable

International Inventories

TSCA Contact supplier for inventory compliance status.

DSL/NDSL Contact supplier for inventory compliance status.

EINECS/ELINCS Contact supplier for inventory compliance status.

ENCS Contact supplier for inventory compliance status.

IECSC

KECL Contact supplier for inventory compliance status.

PICCS Contact supplier for inventory compliance status.

AIIC Contact supplier for inventory compliance status.

NZIoC Contact supplier for inventory compliance status.

TCSI Contact supplier for inventory compliance status.

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

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

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CAA (Clean Air Act)

This product does not contain any substances regulated as pollutants pursuant to Clean Air Act (CAA).

CERCLA

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

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals: Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage

Chemical name SD Alcohol 39-C	California Proposition 65 Carcinogen Developmental
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U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
SD Alcohol 39-C	X	X	X
Vegetable Glycerin	X	X	X
Carbomer	X	-	-
Third Party Formulation (TP # 1826803)	X	-	-
Third Party Formulation (TP # 1826803)	X	X	X
C.I. Acid Blue 9 (42090)	-	X	-

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. Other information

NFPA	Health hazards 1	Flammability 3	Instability 0	Special hazards -
HMIS	Health hazards 1	Flammability 3	Physical hazards 0	Personal protection X

Key or legend to abbreviations and acronyms used in the safety data sheet

List may include phrases which are not applicable to this product

ACGIH	American Conference of Governmental Industrial Hygienists
ADN	Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (Europe)
ADR	Agreement concerning the International Carriage of Dangerous Goods by Road (Europe)
AiIC	Australian Inventory of Industrial Chemicals
ATE	Acute Toxicity Estimate
ASTM	American Society for the Testing of Materials
bar	Biological Reference Values for Chemical Compounds in the Work Area
BAT	Biological tolerance values for occupational exposure
BEL	Biological exposure limits
bw	Body weight
Ceiling	Maximum limit value
CMR	Carcinogen, Mutagen or Reproductive Toxicant
DOT	Department of Transportation (United States)
DSL	Domestic Substances List (Canada)
EINECS	European Inventory of Existing Chemical Substances
ELINCS	European List of Notified Chemical Substances
ECEL	Existing Chemical Exposure Limit
EmS	Emergency Schedule
ENCS	Existing and New Chemical Substances (Japan)
EPA	Environmental Protection Agency
GHS	Globally Harmonized System
HMIS	Hazardous Materials Identification System
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IBC	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO	International Civil Aviation Organization
IECSC	Inventory of Existing Chemical Substances in China

IMDG	International Maritime Dangerous Goods
IMO	International Maritime Organization
ISO	International Organization for Standardization
KECI	Korean Existing Chemicals Inventory
LC50	Lethal Concentration to 50% of a test population
LD50	Lethal Dose to 50% of a test population (Median Lethal Dose)
MARPOL	International Convention for the Prevention of Pollution from Ships
NDSL	Non-Domestic Substances List (Canada)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety and Health
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOELR	No Observable Effect Loading Rate
NTP	National Toxicology Program (United States)
NZIoC	New Zealand Inventory of Chemicals
OECD	Organization for Economic Cooperation and Development
OEL	Occupational exposure limits
OSHA	Occupational Safety and Health Administration of the US Department of Labor
PBT	Persistent, Bioaccumulative and Toxic substance
PICCS	Philippines Inventory of Chemicals and Chemical Substances
PMT	Persistent, Mobile and Toxic
PPE	Personal protective equipment
QSAR	Quantitative Structure Activity Relationship
RID	Agreement concerning the International Carriage of Dangerous Goods by Rail (Europe)
SADT	Self-Accelerating Decomposition Temperature
SAR	Structure-activity relationship
SARA	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet
SL	Surface Limit
STEL	Short Term Exposure Limit
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure
TCSI	Taiwan Chemical Substance Inventory
TDG	Transport of Dangerous Goods (Canada)
TSCA	Toxic Substances Control Act (United States)
TWA	Time-Weighted Average
UN	United Nations
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
vPvM	Very Persistent and Very Mobile
As	Allergenic substance
DS	Dermal Sensitizer
Ot	Ototoxicant
pOt	Ototoxicant - potential to cause hearing disorders
PS	Photosensitizer
RS	Respiratory Sensitizer
S	Sensitizer
poS	Sensitizer - capable of causing occupational asthma
Sa	Simple asphyxiant
Sd	Skin designation
pSd	Skin designation - potential for cutaneous absorption
Sdv	Skin designation - vacated
Sk	Skin notation
dSk	Skin notation - danger of cutaneous absorption
pSk	Skin notation - potential for cutaneous absorption

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

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

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Issuing Date 09-Jul-2025

Revision date 02-Jul-2026

Revision Note No information available.

Disclaimer

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End of Safety Data Sheet