

1. Identification

Product identifier GIORGIO ARMANI ACQUA DI GIO ELIXIR

Other means of identification

SDS number 30-41-0001381

Recommended use Personal care product used for cosmetic effect.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

US Address: L'Oreal USA Products, Inc
133 Terminal Avenue
Clark, NJ 07066
USA

Canadian Address: L'Oreal Canada
4895 rue Hickmore
Ville St-Laurent, H4T 1K5
Canada

Emergency Phone # : 1-800-535-5053 (International: 352-323-3500)
In Canada - 1-613-996-6666 (Canutec (*666 Cellular))

For further Information: 1-732-499-2741

Poison Control # : 412-390-3326

2. Hazard(s) identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Serious eye damage/eye irritation	Category 2A
	Sensitization, skin	Category 1B
OSHA defined hazards	Not classified.	

Label elements

Signal word Danger

Hazard statement Highly flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye irritation.

Precautionary statement**Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/eye protection/face protection.

Response	If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.
Storage	Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
ETHANOL		64-17-5	63.58
LINALYL ACETATE		115-95-7	1.63
LINALOOL		78-70-6	1.25
D-LIMONENE		5989-27-5	1.24
DIHYDRO PENTAMETHYLINDANONE		33704-61-9	1.2

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Highly flammable liquid and vapor.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

Environmental precautions

7. Handling and storage

Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Keep away from heat, sparks and open flame. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep out of the reach of children. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

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

Components	Type	Value
ETHANOL (CAS 64-17-5)	PEL	1900 mg/m3 1000 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
ETHANOL (CAS 64-17-5)	STEL	1000 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
ETHANOL (CAS 64-17-5)	TWA	1900 mg/m3 1000 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
D-LIMONENE (CAS 5989-27-5)	TWA	165.5 mg/m3 30 ppm

Biological limit values

No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls	Explosion-proof general and local exhaust ventilation. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Applicable for industrial settings only. Face shield is recommended. Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.
Other	Applicable for industrial settings only. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.
Respiratory protection	Applicable for industrial settings only. If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance

Physical state	Liquid.
Color	Clear to pale yellow.
Odor	Characteristic.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 95 °F (> 35 °C)
Flash point	55.4 °F (13.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.

Upper/lower flammability or explosive limits

Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.

Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

Other information

Density	0.858 g/cm3
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Explosive properties	Not explosive.
Fire point	< 212.00 °F (< 100.00 °C) ISO 2592
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
GIORGIO ARMANI ACQUA DI GIO ELIXIR		
<u>Acute</u>		
Dermal		
ATEmix		228300 mg/kg
Oral		
ATEmix		63250 mg/kg
Components	Species	Test Results
DIHYDRO PENTAMETHYLINDANONE (CAS 33704-61-9)		
<u>Acute</u>		
Oral		
LD50	Rat	2901 mg/kg OECD 401
D-LIMONENE (CAS 5989-27-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg OECD 402
Oral		
LD50	Rat	4400 mg/kg
ETHANOL (CAS 64-17-5)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 20000 mg/kg
Inhalation		
<i>Vapor</i>		
LC50	Rat	124.7 mg/l, 4 h OECD 403
Oral		
LD50	Rat	10470 mg/kg OECD 401

Components	Species	Test Results
LINALOOL (CAS 78-70-6)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	5610 mg/kg 5610 mg/kg bw OECD 402
Inhalation		
<i>Vapor</i>		
LC50	Mouse	> 3.2 mg/l, 3 h
Oral		
LD50	Rat	2790 mg/kg OECD 401
LINALYL ACETATE (CAS 115-95-7)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 5000 mg/kg
Inhalation		
LC50	Rat	> 18.94 mg/L air OECD 403
Oral		
LD50	Rat	> 9000 mg/kg
Skin corrosion/irritation	No adverse effects due to skin contact are expected.	
Irritation Corrosion - Skin		
ETHANOL		OECD 404 Result: Not Irritating Species: Rabbit
D-LIMONENE		OECD 404 Result: Slightly Irritating Species: Rabbit
LINALYL ACETATE		OECD 405 Result: Irritating Species: Rabbit
DIHYDRO PENTAMETHYLINDANONE		OECD 439 Result: Irritating Species: In vitro
Serious eye damage/eye irritation	Causes serious eye irritation.	
Irritation Corrosion - Eye		
LINALYL ACETATE		OECD 404, Based on test data for structurally similar materials. Result: Irritating Species: Rabbit
ETHANOL		OECD 405 Result: Irritating Species: Rabbit
LINALOOL		OECD 405 Result: Irritating Species: Rabbit
D-LIMONENE		OECD 405 Result: Not Irritating Species: Rabbit
DIHYDRO PENTAMETHYLINDANONE		OECD 438 Result: Irritating Species: In vitro
Respiratory or skin sensitization		
Respiratory sensitization	Not a respiratory sensitizer.	
Skin sensitization	May cause an allergic skin reaction.	
Skin sensitization		
ETHANOL		OECD 406 Result: Not Sensitizing Species: Guinea pig

Skin sensitization	
LINALOOL	OECD 429 Result: Sensitizing Species: Mouse
LINALYL ACETATE	OECD 429 Result: Sensitizing Species: Mouse
DIHYDRO PENTAMETHYLINDANONE	OECD 429 Result: Sensitizing Species: Mouse Notes: EC3: 33%
D-LIMONENE	OECD 429, EC3: 22% Result: Sensitizing Species: Mouse
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Mutagenicity	
D-LIMONENE	Result: In vitro and in vivo tests did not show mutagenic effects.
ETHANOL	Result: In vitro and in vivo tests did not show mutagenic effects.
LINALOOL	Result: In vitro and in vivo tests did not show mutagenic effects.
DIHYDRO PENTAMETHYLINDANONE	Result: In vitro tests did not show mutagenic effects
LINALYL ACETATE	Result: In vitro tests did not show mutagenic effects
Carcinogenicity	Not classifiable as to carcinogenicity to humans.
IARC Monographs. Overall Evaluation of Carcinogenicity	
D-LIMONENE (CAS 5989-27-5)	3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)	
Not regulated.	
US. National Toxicology Program (NTP) Report on Carcinogens	
Not listed.	
Reproductive toxicity	Possible reproductive hazard.
Developmental effects	
ETHANOL	> 20000 ppm OECD 414, No effects on development Result: NOAEL Species: Rat
LINALYL ACETATE	1000 mg/kg bw/d OECD 414, Based on test data for structurally similar materials. Result: NOAEL Species: Rat
DIHYDRO PENTAMETHYLINDANONE	115.24 mg/kg bw/d OECD 421 Result: NOAEL Species: Rat
D-LIMONENE	591 mg/kg bw/d Result: NOAEL Species: Rat
Reproductivity	
DIHYDRO PENTAMETHYLINDANONE	115.24 mg/kg bw/d OECD 421 Result: NOAEL Species: Rat
ETHANOL	20700 mg/kg bw/d OECD 416, No effects on fertility Result: NOAEL Species: Rat
LINALYL ACETATE	365 mg/kg bw/d OECD 421, Based on test data for structurally similar materials. Result: NOAEL Species: Rat
LINALOOL	365 mg/kg bw/d OECD 421, No effects on fertility Result: NOAEL Species: Rat
Specific target organ toxicity - single exposure	Not classified.

Specific target organ toxicity - repeated exposure Not classified.

LINALOOL	>= 497.9 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat Test Duration: 90 d
DIHYDRO PENTAMETHYLINDANONE	10 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat Test Duration: 90 d
LINALYL ACETATE	117 mg/kg bw/d OECD 407, Oral Result: NOAEL Species: Rat Test Duration: 28 d
D-LIMONENE	1650 mg/kg bw/d OECD 407 Result: NOAEL Species: Rat Test Duration: 16 d
ETHANOL	1730 mg/kg bw/d OECD 408, Oral Result: NOAEL Species: Rat
LINALOOL	250 mg/kg bw/d OECD 411, Dermal Result: NOAEL Species: Rat Test Duration: 90 d
LINALYL ACETATE	250 mg/kg bw/d OECD 411, Dermal Result: NOAEL Species: Rat Test Duration: 91 d

Aspiration hazard Not an aspiration hazard.

Further information May cause allergic respiratory and skin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

12. Ecological information

Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species		Test Results
DIHYDRO PENTAMETHYLINDANONE (CAS 33704-61-9)			
Aquatic			
Acute			
Algae	EC50	Desmodesmus subspicatus	10 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	1.5 mg/l, 48 h OECD 202
Fish	LC50	Oryzias latipes	2.12 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
D-LIMONENE (CAS 5989-27-5)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	0.25 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	0.421 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	0.702 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	3.94 mg/l, 3 h OECD 209
Chronic			
Crustacea	NOEC	Daphnia magna	0.08 mg/l, 21 d OECD 211
Fish	NOEC	Pimephales promelas	0.37 mg/l, 8 d OECD 212

Components		Species	Test Results
ETHANOL (CAS 64-17-5)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Pseudokirchneriella subcapitata	22200 mg/l, 96 h
Crustacea	EC50	Ceriodaphnia dubia	5012 mg/l, 48 h
Fish	LC50	Pimephales promelas	15300 mg/l, 96 h
Other	IC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	9.6 mg/l, 9 d
Fish	NOEC	Danio rerio	250 mg/l, 120 h OECD 212
LINALOOL (CAS 78-70-6)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Green algae (Scenedesmus acutus)	156.7 mg/l, 96 h DIN 38412, Part 9
Crustacea	EC50	Daphnia magna	59 mg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	27.8 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
<i>Chronic</i>			
Algae	EC10	Green algae (Scenedesmus acutus)	54.3 mg/l, 96 h DIN 38412, Part 9
LINALYL ACETATE (CAS 115-95-7)			
Aquatic			
<i>Acute</i>			
Algae	EC50	Desmodesmus subspicatus	62 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	15 mg/l, 48 h OECD 202
Fish	LC50	Cyprinus carpio	11 mg/l, 96 h OECD 203
Other	EC20	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 30 min ISO 8192

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

DIHYDRO PENTAMETHYLINDANONE	0 % OECD 301 C Result: Not Readily Biodegradable Test Duration: 28 d
ETHANOL	84 % Result: Readily Biodegradable Test Duration: 20 d
LINALYL ACETATE	70 - 80 % OECD 301 F Result: Readily Biodegradable Test Duration: 28 d

Percent degradation (Aerobic biodegradation-soil)

LINALOOL	64.2 % OECD 301D Result: Readily Biodegradable
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Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

DIHYDRO PENTAMETHYLINDANONE	4.2 OECD 107
D-LIMONENE	4.28 OECD 117
ETHANOL	-0.31
LINALOOL	2.97
LINALYL ACETATE	3.93

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	This product is ignitable (D001) RCRA hazardous wastes when intended for disposal.
Waste from residues / unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

FINISHED GOODS

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS, Limited Quantity
Class	3
Packing group	II
Transport hazard class(es)	
Label(s)	Limited Quantity
Packaging exceptions	150
LTD QTY Net Inner Capacity	5.0 L

BULK

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	II
Transport hazard class(es)	
Label(s)	3
Special provisions	149, IB2, T4, TP1, TP8
Packaging non bulk	202

IATA

FINISHED GOODS

UN number	ID8000
UN proper shipping name	CONSUMER COMMODITY
Class	9 - Class 9
Packing group	Not applicable.
Transport hazard class(es)	
Label(s)	Class 9, Limited Quantity
ERG Number	9L

BULK

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	II
ERG Number	3L

IMDG

FINISHED GOODS

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS, Limited Quantity
Class	3
Packing group	II
Environmental Hazards	
Marine pollutant	No.
Transport hazard class(es)	
Label(s)	Limited Quantity
EmS	F-E, S-D
LTD QTY Net Inner Capacity	5.0 L

BULK

UN number	UN1266
UN proper shipping name	PERFUMERY PRODUCTS
Class	3
Packing group	II
Environmental hazards	
Marine pollutant	No.
EmS	F-E, S-D

15. Regulatory information

US federal regulations This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

ETHANOL (CAS 64-17-5) Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical No (Exempt)

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

ETHANOL (CAS 64-17-5) Low priority

16. Other information, including date of preparation or last revision

Issue date 06-25-2024

Version # 01

NFPA ratings Health: 2
Flammability: 3
Instability: 0

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.