

SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME STRAWBERRY (Artificial) (Flavor)

PRODUCT CODE 1633

SUPPLIER MEDISCA Inc.

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EMERGENCY PHONE CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300

NSW Poisons Information Centre: 131 126

National Chemical Emergency Centre 44(0)1235239670

RECOMMENDED USES Manufacturing and Compounding

RESTRICTIONS ON USE Not applicable

SECTION 2: HAZARDS IDENTIFICATION

GHS CLASSIFICATION Flammable Liquid (Category 4)

PICTOGRAM Not Applicable SIGNAL WORD Warning

HAZARD STATEMENT(S) Combustible liquid.

ADVERSE PHYSIOCHEMICAL, HUMAN **HEALTH AND ENVIRONMENTAL**

EFFECTS

PRECAUTIONARY STATEMENT(S) Keep away from heat, sparks, open flames and No smoking Prevention

Keep container tightly closed

Repeated exposure may cause skin dryness or cracking.

Ground/Bond container and receiving equipment

Use explosion-proof equipment

Use non-sparking tools

Take action to prevent static discharges

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

IF ON SKIN (HAIR): Take off immediately all contaminated clothing. Rinse affected areas Response

IN CASE OF FIRE: Small fire: dry chemical, CO2 or water spray. Large fire: dry chemical,

CO2, alcohol resistant foam or water spray. Do not get water inside containers.

Store in a well-ventilated place. Storage



Disposal Dispose of contents and/or container in accordance with local regulations.

HMIS CLASSIFICATION Health Hazard 0 Flammability 2

Reactivity 0 Personal Protection C

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME Not applicable

BOTANICAL NAME Not applicable

SYNONYM Not applicable

CHEMICAL FORMULA Not applicable

CHEMICAL FAMILY Not applicable

CAS NUMBER Not applicable

ALTERNATE CAS NUMBER Not applicable

ALTERNATE CAS NUMBER Not applicable

MOLECULAR WEIGHT Not applicable

COMPOSITION

CHEMICAL NAME	CAS NUMBER	EC NUMBER	% BY WEIGHT
3-HEXEN-1-OL, (Z)-	928-96-1	213-192-8	1.0 - 2.5
BUTANOIC ACID, 3-METHYL-, ETHYL ESTER	108-64-5	203-602-3	0.1 - 1.0
ETHYL BUTYRATE	105-54-4	203-306-4	1 - 5
ACETYL METHYL CARBINOL	513-86-0	208-174-1	0.1 - 1.0

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.

NOTES INGREDIENT LISTING: PROPYLENE GLYCOL, NATURAL AND ARTIFICIAL FLAVOR

SECTION 4: FIRST-AID MEASURES

IN CASE OF EYE CONTACT Flush with copious amounts of water for 15 minutes, separating eyelids with fingers. If irritation persists seek

medical aid.

IN CASE OF SKIN CONTACT

Wash with soap & water for 15 minutes. If irritation persists seek medical aid.

IF SWALLOWED Call a physician. Wash out mouth with water. Do not induce vomiting without medical advice.

IF INHALED Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a

physician

MEDICAL ATTENTION AND SPECIAL

TREATMENT

Get emergency medical help.

SYMPTOMS CAUSED BY EXPOSURE Not expected to present a significant hazard under anticipated conditions of normal use.

SECTION 5: FIREFIGHTING MEASURES

SPECIFIC HAZARDS ARISING FROM

THE CHEMICAL

Not applicable

FLAMMABLE PROPERTIES

Combustible.



HAZARDOUS COMBUSTION PRODUCTS

SUITABLE & UNSUITABLE EXTINGUISHING MEDIA

PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

Under fire conditions, hazardous fumes will be present.

Small fire: dry chemical, CO₂ or water spray. **Large fire:** dry chemical, CO₂, alcohol resistant foam or water spray. Do not get water inside containers.

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate

On land, sweep or shovel into suitable containers.

personnel to safe areas.

METHODS & MATERIAL FOR CONTAINMENT

CLEANUP PROCEDURE

Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Wear

respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Stop leak if you can do it without risk. Prevent entry into waterways, sewers, basements or confined areas. Shut off all sources of ignition. Evacuate the area. If necessary, employ water fog to disperse the vapors. Absorb the matter with compatible vermiculite or other absorbing material. Place in a suitable container and retain for disposal. Ventilate and clean

the affected area. Do not flush into sewerage system or to drains.

REFERENCE TO OTHER SECTIONSSee Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING Do not inhale. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. Wash

thoroughly after handling. Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Use

appropriate containment to avoid environmental contamination.

CONDITIONS FOR SAFE STORAGE

Store away from incompatible materials, in a well-ventilated area. Eliminate all sources of ignition. Store in accordance with local regulations. Do not store in unlabeled containers. Containers that have been opened

must be carefully resealed and kept upright to prevent leakage. Use appropriate containment to avoid

environmental contamination.

STORAGE CONDITIONS Store in original container, tightly sealed, protected from direct sunlight and moisture.

SECTION 8: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Chemical Name: Not applicable 1 CAS #: Not applicable

	Country	Limit valu	e-8 hours	Limit value-	Short Term	IDLH	REL	Advisory	Notes
		ppm	mg/m³	ppm	mg/m³				
OSHA	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A



GESTIS	Add Country	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A

Chemical Name: Not applicable 2 CAS #: Not applicable

	Country	Limit valu	ıe-8 hours	Limit value-	Short Term	IDLH	REL	Advisory	Notes
		ppm	mg/m³	ppm	mg/m³				
OSHA	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Add Country	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A

Chemical Name: Not applicable 3 CAS #: Not applicable

	Country	Limit valu	alue-8 hours Limit value-Short Term		IDLH	REL	Advisory	Notes	
		ppm	mg/m³	ppm	mg/m³				
OSHA	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Add Country	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A

Chemical Name: Not applicable 4 CAS #: Not applicable

	Country	Limit valu	e-8 hours	hours Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m³	ppm	mg/m³				
OSHA	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
WEEL	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSIS	Australia	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Add Country	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A

N/L = Not listed ; N/A = Not Available

PELs are 8-hour TWAs = Limit value - Eight hours

Ceiling or Short-Term TWA = STEL = Limit value - Short term

EXPOSURE GUIDELINES

Consult local authorities for provincial or state exposure limits. Particulates not otherwise regulated, respirable fraction: 5 mg/m³



PERSONAL PROTECTIVE EQUIPMENT Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by WHMIS or OSHA's

> eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166. Skin: Wear appropriate gloves to prevent skin exposure. Clothing: Wear appropriate protective clothing to minimize contact with skin. Respirators: Follow WHMIS or OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced. Thermal Hazards: For products representing a

thermal hazard, appropriate Personal Protective Equipment should be used.

SPECIFIC ENGINEERING CONTROLS

Adequate mechanical ventilation. Fumehood, eye wash station, and safety shower.

BIOLOGICAL MONITORING

Not available

CONTROL BANDING Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid

DESCRIPTION Clear, colorless to pale yellow liquid with characteristic odor.

SOLUBILITY

Soluble in water.

ODOR

Characteristic odor

Combustible

AUTO-IGNITION TEMPERATURE

FLAMMABILITY

BOILING POINT

85 °C, 185 °F

DECOMPOSITION **TEMPERATURE**

Not available

EVAPORATION RATE

Not available

FLASH POINT

70 °C, 158 °F

Not available

Not available

EXPLOSIVE LIMIT

Not available

(closed cup)

(OCTANOL-WATER)

LOWER FLAMMABLE/ **EXPLOSIVE LIMIT(S)**

Not available

POINT

MELTING/FREEZING

Not available

PARTICLE

CHARACTERISTICS

OXIDIZING PROPERTY Not available

Not available

pΗ

3.4-5.1

RELATIVE DENSITY

(WATER = 1)

SPECIFIC GRAVITY

1.0298 - 1.0348 (25 °C)

UPPER FLAMMABLE/ EXPLOSIVE LIMIT(S)

Not available

VAPOR DENSITY

(AIR = 1)

Not available

Not available

VAPOR PRESSURE

Not available

VISCOSITY

Not available

The physical data presented above are typical values and should not be construed as a specification.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY Not established.

CHEMICAL STABILITY Stable under recommended storage conditions.

INCOMPATIBLE MATERIALS Strong oxidants.



HAZARDOUS DECOMPOSITION

PRODUCTS

HAZARDOUS POLYMERIZATION

POSSIBLITY OF HAZARDOUS

REACTION

CONDITIONS TO AVOID

Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur.

Will not occur.

Not established.

Moisture, sunlight and extreme temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY Oral: Rat: LD50: (mg/kg): Not available

> Dermal: Rabbit: LD50: (mg/kg): Not available Inhalation: Rat: LC50: (mg/L/4hr): Not available

SKIN CORROSION/IRRITATION Based on available data, the classification criteria are not met.

SERIOUS EYE DAMAGE/EYE Based on available data, the classification criteria are not met.

IRRITATION

RESPIRATORY SENSITIZATION Due to lack of data the classification is not possible.

SKIN SENSITIZATION Due to lack of data the classification is not possible.

GERM CELL MUTAGENICITY Due to lack of data the classification is not possible.

CARCINOGENICITY **OSHA** Based on the compositional information available from the supplier, no component of this

NTP Based on the compositional information available from the supplier, no component of this

product is listed.

IARC Based on the compositional information available from the supplier, no component of this

product is listed

California Based on the compositional information available from the supplier, no component of this

Proposition 65 product is listed.

ADDITIONAL CARCINOGENICITY

INFORMATION

Due to lack of data the classification is not possible.

REPRODUCTIVE TOXICITY

SPECIFIC TARGET ORGAN TOXICITY -

SINGLE EXPOSURE

Due to lack of data the classification is not possible. Due to lack of data the classification is not possible.

SPECIFIC TARGET ORGAN TOXICITY -Due to lack of data the classification is not possible.

REPEATED EXPOSURE

ASPIRATION HAZARDS

Due to lack of data the classification is not possible.

SIGNS AND SYMPTOMS OF

EXPOSURE

ROUTES OF EXPOSURE:

Oral, Dermal, Inhalation, Eye contact

EARLY ONSET SYMPTOMS RELATED TO EXPOSURE:

Not available

DELAYED HEALTH EFFECT FROM EXPOSURE:

Not available

Not expected to present a significant hazard under anticipated conditions of normal use.

POTENTIAL HEALTH EFFECTS Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

> Ingestion May be harmful if swallowed.

May be harmful if absorbed through skin. May cause skin irritation. Skin



Eyes

May cause eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY EC50: 48 Hr: Crustacea: (mg/L): Not available

Not available

LC50: 96 Hr: Fish: (mg/L): Not available

EC50: 72 or 96Hr: Algae (or other aqua plants): (mg/L): Not available

PERSISTENCE AND DEGRADABILITY Not available

BIOACCUMULATIVE POTENTIAL Not available

Soluble in water. MOBILITY IN SOIL OTHER ADVERSE EFFECTS

This product is not intended to be released into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

DISPOSAL METHODS Dispose of in accordance with federal / local laws and regulations. Avoid release into the environment.

SECTION 14: TRANSPORT INFORMATION

UN PROPER SHIPPING NAME Not dangerous good

UN NUMBER Not applicable CLASS Not applicable **PACKING GROUP** Not applicable

AUSTRALIA

HAZCHEM Not Applicable

<u>EU</u>

TRANSPORT IN BULK ACCORDING TO

ANNEX II OF MARPOL 73/78 AND THE

IBC CODE

Not Listed

ENVIRONMENTAL HAZARDS Not available SPECIAL SHIPPING INFORMATION Not applicable

SECTION 15: REGULATORY INFORMATION

UNITED STATES REGULATIONS



Chemical Name & CAS	CERCLA 40 CFR Part 302.4	SARA (Title III) 40 CFR Part 372.65	EPA 40 CF Appendix A	FR Part 355 Appendix B	Pennsylvania	Right-to-know New Jersey	Massachusetts	California Prop 65
3-HEXEN-1-OL, (Z)- 928-96-1	N/L	N/L	N/L	N/L	X	N/L	N/L	N/L
ETHYL BUTYRATE 105-54-4	N/L	N/L	N/L	N/L	X	X	X	N/L
BUTANOIC ACID, 3-METHYL-, ETHYL ESTER 108-64-5	N/L	N/L	N/L	N/L	Х	N/L	N/L	N/L
ACETYL METHYL CARBINOL 513-86-0	N/L	N/L	N/L	N/L	N/L	Х	N/L	N/L

N/L = Not Listed; X = Listed

AUSTRALIAN REGULATIONS

Chemical Name & CAS	Poisons and Therapeutic Goods	Therapeutic Goods Act	Code of Practices - Illicit Drug Precursors	Poisons Standard	Work Health and Safety Regulations	Inventory of Industrial Chemcials
3-HEXEN-1-OL, (Z)- 928-96-1	N/L	N/L	N/L	N/L	N/L	N/L
ETHYL BUTYRATE 105-54-4	N/L	N/L	N/L	N/L	N/L	N/L
BUTANOIC ACID, 3-METHYL-,	N/L	Listed as Schedule	N/L	Listed	N/L	N/L
ETHYL ESTER 108-64-5		6				
ACETYL METHYL CARBINOL	N/L	N/L	N/L	N/L	N/L	N/L
513-86-0						

N/L = Not Listed

EU REGULATIONS

Chemical Name & CAS	REACH ANNEX XVII	REACH ANNEX XIV	EC 1005/2009	EC 850/2004	EC 1107/2009	PIC - Prior Informed Consent Regulation	EC 2012/18
3-HEXEN-1-OL, (Z)- 928-96-1	N/L	N/L	N/L	N/L	N/L	N/L	N/L
ETHYL BUTYRATE 105-54-4	N/L	N/L	N/L	N/L	N/L	N/L	N/L
BUTANOIC ACID, 3-METHYL-, ETHYL ESTER 108-64-5	N/L	N/L	N/L	N/L	N/L	N/L	N/L
ACETYL METHYL CARBINOL 513-86-0	N/L	N/L	N/L	N/L	N/L	N/L	N/L

N/L = Not Listed; X = Listed

Any EU regulation not listed above is not applicable to this product.

SUBJECT TO INTERNATIONAL

Not applicable

AGREEMENT

SECTION 16: OTHER INFORMATION

REFERENCES Available upon request



ABBREVIATIONS AND ACRONYMS

ACGIH - American Conference of Governmental Industrial Hygienists; AIHA WEEL - American Industrial Hygiene Association Workplace Environment Exposure Levels; CAESAR - Computer Assisted Evaluation of industrial chemical Substances According to Regulations; CAS - Chemical Abstract Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; EC50 - Effective Concentration, 50%; EPA - Environmental Protection Agency; GHS - Global Harmonized System; HMIS - Hazardous Materials Information System; HSE - Health and Safety Executive; HSIS - Hazardous Substances Information System; IARC - International Agency for Research on Cancer; IDLH - Immediately Dangerous to Life or Health; IRFMN - Ready Biodegradability Model; ISS - Instituto Superiore Sanità; LC50 - Lethal Concentration, 50%; LD50 - Lethal Dose, 50%; MSHA - Mine Safety and Health Administration; NIOSH - National Institute for Occupational Safety and Health; NTP - National Toxicology Program; OSHA PEL - Occupational Safety & Health Administration Permissible Exposure Limits; QSAR - Quantitative Structure-activity relationship; REL - Recommended Exposure Limit; SARA - Superfund Amendments and Reauthorization Act; STEL - Short Term Exposure Limit; TLV - Threshold Limit Value; TWA - Time Weighted Average; WHMIS - Workplace Hazardous Materials Information System

LAST REVISION SUPERSEDES 04/2024

04/2024

For a list of changes to the SDS since the last version, please communicate with MEDISCA at www.medisca.com

DISCLAIMER

This document was created in accordance with OSHA, Safe Work Australia and WHMIS regulations. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. MEDISCA® shall not be held liable for any damage resulting from handling or from contact with the above product. Recipients of the product must take responsibility for observing existing laws and regulations.

SUPPLEMENTARY INFORMATION

For all country specific requirements not outlined on this Safety Data Sheet, please request Supplementary Page to this Safety Data Sheet.