


SECTION 1: PRODUCT IDENTIFICATION

PRODUCT NAME	CHERRY FLAVOR (Liquid) (FlavoRx)
PRODUCT CODE	2978
SUPPLIER	MEDISCA Inc. Tel.: 1.800.932.1039 Fax.: 1.855.850.5855 661 Route 3, Unit C, Plattsburgh, NY, 12901 6641 N. Belt Line Road, Suite 130, Irving, TX, 75063 MEDISCA Pharmaceutique Inc. Tel.: 1.800.665.6334 Fax.: 514.338.1693 4509 Rue Dobrin, St. Laurent, QC, H4R 2L8 21300 Gordon Way, Unit 153/158, Richmond, BC V6W 1M2 MEDISCA Australia PTY LTD Tel.: 1.300.786.392 Fax.: 61.2.9700.9047 Unit 7, Heritage Business Park 5-9 Ricketty Street, Mascot, NSW 2020
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 3)
PICTOGRAM	
SIGNAL WORD	Warning
HAZARD STATEMENT(S)	Flammable liquid and vapor. May cause an allergic reaction. Causes irritation to skin, eyes and respiratory tract. Limited evidence of a carcinogenic effect.
ADVERSE PHYSIOCHEMICAL, HUMAN HEALTH AND ENVIRONMENTAL EFFECTS	Repeated exposure may cause skin dryness or cracking.

PRECAUTIONARY STATEMENT(S)
Prevention

Keep away from heat, sparks, open flames and No smoking
 Keep container tightly closed
 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
 Wash hands thoroughly after handling. Do not touch eyes.
 Avoid breathing dust, fume, gas, mist, vapors, spray.
 Contaminated work clothing should not be allowed out of the workplace.

Response

IF ON SKIN (HAIR): Take off immediately all contaminated clothing. Rinse affected areas with water/shower.
 IN CASE OF FIRE: Use dry chemical, CO₂, alcohol resistant foam or water spray to extinguish
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical help.

Storage

Store in a well-ventilated place.
 Keep cool.

Disposal

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

HMIS CLASSIFICATION
Health Hazard

2

Flammability

2

Reactivity

0

Personal Protection

E

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

MOLECULAR WEIGHT

Not applicable

COMPOSITION

CHEMICAL NAME	CAS NUMBER	EC NUMBER	% BY WEIGHT
ACETOPHENONE	98-86-2	202-708-7	proprietary*
BENZALDEHYDE	100-52-7	202-860-4	< 2
BENZYL ACETATE	140-11-4	205-399-7	proprietary*
ETHANOL	64-17-5	200-578-6	5 - 10
ISOAMYL ACETATE	123-92-2	204-662-3	< 2
PROPYLENE GLYCOL	57-55-6	200-338-0	> 75

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

As per the supplier, all flavor ingredients contained in this product are approved for use in a regulation of the FDA or are listed as being generally recognized as safe on the FEMA GRAS list.

*Flavoring components are considered trade secret. Therefore the chemical names, exact compositional breakdown, or other chemical identification of the specific compounds of flavor ingredients are withheld in accordance with 1910.1200 of the Code of Federal regulations.

This product contains: Propylene Glycol, Alcohol, Water and Natural & 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	Flammable liquid and vapor.
HAZARDOUS COMBUSTION PRODUCTS	Under fire conditions, hazardous fumes will be present.
SUITABLE & UNSUITABLE EXTINGUISHING MEDIA	Small fire: dry chemical, CO ₂ or water spray. Large fire: dry chemical, CO ₂ , alcohol resistant foam or water spray. Do not get water inside containers.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS	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 personnel to safe areas.
METHODS & MATERIAL FOR CONTAINMENT	On land, sweep or shovel into suitable containers.
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 SECTIONS	See 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: ACETOPHENONE CAS #: 98-86-2

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
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	10	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	Belgium	10	50	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Ontario	10	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Quebec	10	49	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Denmark	10	49	20	98	N/L	N/L	N/A	N/A
GESTIS	Finland	5	25	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Hungary	N/L	50	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Ireland	10	49	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Latvia	N/L	5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Poland	N/L	50	N/L	100(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Romania	20	100	41(1)	200(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Singapore	10	49	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Spain	10	50	N/L	N/L	N/L	N/L	N/A	N/A

Chemical Name: BENZALDEHYDE CAS #: 100-52-7

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
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	2	N/L	4(1)	N/L	N/L	N/L	N/A	(1) 15-min, DSEN)
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	Canada-Ontario	N/L	N/L	4	17	N/L	N/L	N/A	N/A
GESTIS	Finland	1	4.4	4(1)	17.4(1)	N/L	N/L	N/A	(1) Ceiling limit value
GESTIS	Hungary	N/L	3.25(1)	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Latvia	N/L	5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Poland	N/L	10	N/L	40(1)	N/L	N/L	N/A	(1) 15 minutes average value

Chemical Name: BENZYL ACETATE CAS #: 140-11-4

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
OSHA	USA	N/L	N/L	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	10	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	Belgium	10	62	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Ontario	10	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Quebec	10	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Denmark	10	61	20	122	N/L	N/L	N/A	N/A
GESTIS	Ireland	10	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Latvia	N/L	5	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Romania	8	50	13(1)	80(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Spain	10	62	N/L	N/L	N/L	N/L	N/A	N/A

Chemical Name: ETHANOL CAS #: 64-17-5

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
OSHA	USA	1000	1900	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	N/L	N/L	1000	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	1000	1900	N/L	N/L	3300 ppm 10% LEL (see 64175)	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	1000	1880	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	1000	1920	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Austria	1000	1900	2000	3800	N/L	N/L	N/A	N/A
GESTIS	Belgium	1000	1907	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Ontario	N/L	N/L	1000	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Quebec	N/L	N/L	1000(1)	N/L	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Denmark	1000	1900	2000	3800	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Finland	1000	1900	1300(1)	2500(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	France	1000	1900	5000	9500	N/L	N/L	N/A	N/A
GESTIS	Germany(AGS)	200	380	800(1)	1520(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Germany (DFG)	200	380	800(1)	1520(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Hungary	N/L	1900	N/L	3800(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Ireland	N/L	N/L	1000(1)	N/L	N/L	N/L	N/A	(1) 15 minutes reference period
GESTIS	Latvia	N/L	1000	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	New Zealand	1000	1880	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Norway	500	950	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Poland	N/L	1900	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Romania	1000	1900	5000(1)	9500(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Singapore	1000	1880	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	South Africa	N/L	N/L	2000(1)	N/L	N/L	N/L	N/A	(1) Ceiling limit value
GESTIS	South Africa Mining	1000	1900	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	South Korea	1000	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Spain	N/L	N/L	1000	1910	N/L	N/L	N/A	N/A
GESTIS	Sweden	500	1000	1000(1)	1900(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Switzerland	500	960	1000	1920	N/L	N/L	N/A	N/A

GESTIS	The Netherlands	N/L	260(1)	N/L	1900 (1)(2)	N/L	N/L	N/A	(1) Skin (2) 15 minutes average value
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Chemical Name: ISOAMYL ACETATE CAS #: 123-92-2

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
OSHA	USA	100	525	N/L	N/L	N/L	N/L	N/A	N/A
ACGIH	USA	50	N/L	100	N/L	N/L	N/L	N/A	N/A
NIOSH	USA	100	525	N/L	N/L	1000	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	50	270	100	541	N/L	N/L	N/A	N/A
HSE	UK	50	270	100	541	N/L	N/L	N/A	N/A
GESTIS	Belgium	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Add Country	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
GESTIS	Canada-Ontario	50	N/L	100	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Quebec	50	N/L	100(1)	N/L	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Denmark	50	271	100(1)	532(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	European Union	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value; Indicative Occupational Exposure Limit Value (IOELV)
GESTIS	Finland	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	France	50	270	100	540	N/L	N/L	N/A	Restrictive statutory limit values
GESTIS	Germany (AGS)	50	270	50(1)	270(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Germany (DFG)	50	270	50(1)	270(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Add Country	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
GESTIS	Italy	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Japan (MHLW)	50	N/L	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Japan (JSOH)	50 100(1)	266.3 532.5(1)	N/L	N/L	N/L	N/L	N/A	(1) Occupational exposure limit ceiling: Reference value to the maximal exposure concentration of the substance during a working day
GESTIS	Latvia	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	New Zealand	100	532	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Norway	50	260	N/L	N/L	N/L	N/L	N/A	N/A

GESTIS	Poland	N/L	250	N/L	500(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Romania	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Singapore	100	532	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	South Africa	100	N/L	200(1)	N/L	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	South Africa Mining	50	262	100(1)	525(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	South Korea	50	N/L	100(1)	N/L	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Spain	50	270	100(1)	540(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Sweden	100	500	150	800	N/L	N/L	N/A	N/A
GESTIS	Switzerland	50	260	50	260	N/L	N/L	N/A	N/A
GESTIS	The Netherlands	N/L	N/L	98.1(1)	530(1)	N/L	N/L	N/A	(1) 15 minutes average value
GESTIS	Turkey	50	270	100	541	N/L	N/L	N/A	N/A

Chemical Name: PROPYLENE GLYCOL CAS #: 57-55-6

	Country	Limit value-8 hours		Limit value-Short Term		IDLH	REL	Advisory	Notes
		ppm	mg/m ³	ppm	mg/m ³				
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	10	N/L	N/L	N/L	N/L	N/A	N/A
HSE	UK	N/L	10	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Canada-Ontario	N/L	10(1)	N/L	N/L	N/L	N/L	N/A	(1) For assessing the visibility in a work environment where 1,2-propylene glycol aerosol is present.
GESTIS	Ireland	N/L	10	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Latvia	N/L	7	N/L	N/L	N/L	N/L	N/A	N/A
GESTIS	Poland	N/L	100(1)	N/L	N/L	N/L	N/L	N/A	(1) Inhalable fraction
GESTIS	South Africa Mining	N/L	10	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
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	Colorless to pale yellow liquid with characteristic odor.				
SOLUBILITY	Soluble in water.				
ODOR	Characteristic odor.				
FLAMMABILITY	Flammable liquid and vapor.				
AUTO-IGNITION TEMPERATURE	Not available	BOILING POINT	Not available	DECOMPOSITION TEMPERATURE	Not available
EVAPORATION RATE	Not available	EXPLOSIVE LIMIT	Not available	FLASH POINT	49 °C, 120.2 °F
log P (OCTANOL-WATER)	Not available	LOWER FLAMMABLE/EXPLOSIVE LIMIT(S)	2.6 (v/v) %	MELTING/FREEZING POINT	Not available
PARTICLE CHARACTERISTICS	Not available	OXIDIZING PROPERTY	Not available	pH	Not available
RELATIVE DENSITY (WATER = 1)	Not available	SPECIFIC GRAVITY	0.9982 - 1.0382 (25°C)	UPPER FLAMMABLE/EXPLOSIVE LIMIT(S)	12.6 (v/v) %
VAPOR DENSITY (AIR = 1)	Not available	VAPOR PRESSURE	0.1 hPa (20°C)	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	Toxic fumes of carbon monoxide, carbon dioxide, nitrogen oxides and other gases may occur.
HAZARDOUS POLYMERIZATION	Will not occur.
POSSIBILITY OF HAZARDOUS REACTION	Not established
CONDITIONS TO AVOID	Moisture, sunlight and extreme temperatures. Heat and sources of ignition

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. Contains ingredients (ETHANOL, BENZALDEHYDE and BENZYL ACETATE) causes skin irritation.
SERIOUS EYE DAMAGE/EYE IRRITATION	Based on available data, the classification criteria are not met. Contains ingredients (ETHANOL and BENZALDEHYDE) causes eye irritation.
RESPIRATORY SENSITIZATION	Due to lack of data the classification is not possible.
SKIN SENSITIZATION	Based on available data, the classification criteria are not met. Contains BENZALDEHYDE: May cause an allergic skin reaction.
GERM CELL MUTAGENICITY	Due to lack of data the classification is not possible.
CARCINOGENICITY	<p>OSHA ETHANOL is listed. ACETOPHENONE is listed. BENZYL ACETATE is listed. Based on the compositional information available from the supplier, no other component of this product is listed.</p> <p>NTP ETHANOL is listed. Based on the compositional information available from the supplier, no other component of this product is listed.</p> <p>IARC ETHANOL is listed in group 1 (carcinogenic to humans). BENZYL ACETATE is listed in group 3 (not classifiable as to its carcinogenicity to humans). Based on the compositional information available from the supplier, no other component of this product is listed.</p> <p>California Proposition 65 This product contains the following chemical known to the State of California to cause cancer: ETHANOL. Based on the compositional information available from the supplier, no other component of this product is listed.</p>
ADDITIONAL CARCINOGENICITY INFORMATION	Based on available data, the classification criteria are not met.
REPRODUCTIVE TOXICITY	Based on available data, the classification criteria are not met.
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	Due to lack of data the classification is not possible.
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	Due to lack of data the classification is not possible.
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. Causes respiratory tract irritation.

Ingestion

May be harmful if swallowed.

Skin

May be harmful if absorbed through skin. Causes skin irritation. May cause an allergic skin reaction.

Eyes

Causes eye irritation.

SECTION 12: ECOLOGICAL INFORMATION
ECOTOXICITY

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

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

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

PERSISTENCE AND DEGRADABILITY

Not available

BIOACCUMULATIVE POTENTIAL

Not available

MOBILITY IN SOIL

Soluble in water.

OTHER ADVERSE EFFECTS

Not available

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

EXTRACTS, FLAVOURING, LIQUID

UN NUMBER

1197

CLASS

3

PACKING GROUP

III

AUSTRALIA
HAZCHEM

3Y

EU
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 CFR Part 355		Pennsylvania	Right-to-know			California Prop 65
			Appendix A	Appendix B		New Jersey	Massachusetts		
BENZALDEHYDE 100-52-7	N/L	N/L	N/L	N/L	X	X	X	N/L	
BENZYL ACETATE 140-11-4	N/L	N/L	N/L	N/L	N/L	X	N/L	N/L	
PROPYLENE GLYCOL 57-55-6	N/L	N/L	N/L	N/L	X	X	N/L	N/L	
ETHANOL 64-17-5	N/L	N/L	N/L	N/L	X	X	X	X	
ISOAMYL ACETATE 123-92-2	X	N/L	N/L	N/L	X	X	X	N/L	
ACETOPHENONE 98-86-2	X	X	N/L	N/L	X	X	X	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 Chemicals
BENZALDEHYDE 100-52-7	N/L	N/L	Listed as Category II	N/L	N/L	N/L
BENZYL ACETATE 140-11-4	N/L	N/L	N/L	N/L	N/L	N/L
PROPYLENE GLYCOL 57-55-6	N/L	N/L	N/L	N/L	N/L	N/L
ETHANOL 64-17-5	N/L	N/L	Listed as Category III	N/L	N/L	N/L
ISOAMYL ACETATE 123-92-2	N/L	N/L	N/L	N/L	N/L	N/L
ACETOPHENONE 98-86-2	N/L	N/L	N/L	N/L	N/L	N/L

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
BENZALDEHYDE 100-52-7	N/L	N/L	N/L	N/L	N/L	N/L	N/L
BENZYL ACETATE 140-11-4	N/L	N/L	N/L	N/L	N/L	N/L	N/L
PROPYLENE GLYCOL 57-55-6	N/L	N/L	N/L	N/L	N/L	N/L	N/L
ETHANOL 64-17-5	N/L	N/L	N/L	N/L	N/L	N/L	N/L
ISOAMYL ACETATE 123-92-2	N/L	N/L	N/L	N/L	N/L	N/L	N/L
ACETOPHENONE 98-86-2	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 AGREEMENT

Not applicable

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** – Istituto 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

06/2023

SUPERSEDES

03/2019

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.