



SAFETY DATA SHEET

According to HPR WHMIS 2015

Revision Date: November 09, 2020

Supersedes: September 17, 2018

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE SUPPLIER

PRODUCT NAME: CapSol™

OTHER MEANS OF IDENTIFICATION: INCI – *Carthamus Tinctorius* (Safflower) Oleosomes (and) Water

RECOMMENDED USE OF THE CHEMICALS AND RESTRICTIONS ON USE: Cosmetic Ingredient

SUPPLIER DETAILS:

MANUFACTURER: Botaneco Inc.
ADDRESS: 134, 2985 – 23rd Avenue NE, Calgary, Alberta, Canada T1Y 7L3
PHONE NUMBER : (403) 668-6685
FAX PHONE: (403) 668-4789

EMERGENCY PHONE: (403) 668-9778

CUSTOMER INFORMATION: (403) 668-4334

SECTION 2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE / MIXTURE: Classified as Skin Corr.1A

SIGNAL WORD: Danger

PHYSICAL HAZARD: Not Applicable

HEALTH HAZARD: H314

PRECAUTIONARY STATEMENTS: P260, P264, P280, P301+P330+P331, P303+P361+P353, P304+P340, P305+P351+P338, P310, P321, P363, P405, and P501

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

COMPOSITION INFORMATION ON MIXTURE:

INGREDIENT	CAS NO.	EINECS NO	DESCRIPTION	% WET WT.
Carthamus tinctorius (Safflower) Oleosomes	8001-23-8	232-276-5	Not classified under GHS	56.8 - 65.5
Gluconolactone	90-80-2	202-016-5	Not classified under GHS	1.4 - 1.6
Sodium Benzoate	532-32-1	208-534-8	Not classified under GHS	0.4 - 0.6
Citric Acid	77-92-9	201-069-1	Eye Irritant, Category 2 - undiluted	0.8 – 0.9
Sodium Hydroxide (Ion)	1310-73-2	215-185-5	Skin corrosion/irritation, Category 1 – undiluted; Serious eye damage/eye irritation, Category 1	0.9 – 1.1

			- undiluted	
Water	7732-18-5	231-791-2	Not classified under GHS	31.0 - 39.0

SECTION 4: FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES:

EYES:	No expected danger, reactions or irritations. It is recommended to flush eyes with plenty of water for 15 minutes and seek medical advice if a reaction or irritation occurs.
SKIN:	No expected danger, reactions or irritations. Wipe off, wash with mild soap and water.
INGESTION:	If swallowed, seek medical advice.
INHALATION:	Not applicable

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treatment is based upon the judgment of the physician in response to the reaction of the patient.

MOST IMPORTANT SYMPTOMS / EFFECTS, ACUTE AND DELAYED: No further relevant information available.

IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT NEEDED (IF NECESSARY): No further relevant information available.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE (AND UNSUITABLE) EXTINGUISHING MEDIA: Water or ABC Dry Chemical Fire Extinguishing Agent

UNUSUAL FIRE AND EXPLOSION HAZARDS: None identified.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS: No specific PPE or precautions required for this product.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES: None Required

ENVIRONMENTAL PRECAUTIONS: None identified; material is classified as non-hazardous.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN-UP: No special instructions required - material is classified as non-hazardous.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Close the lid on the original container when not in use. The material will turn amber color if exposed to the air long enough for drying to occur. Mix well before use.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES: Do not freeze. Ideal storage conditions are between 4°C (39°F) and 24°C (75°F).

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

	ppm	mg / m ³
OSHA PEL-TWA:	N/A	N/A
OSHA PEL STEL :	N/A	N/A
OSHA PEL CEILING:	N/A	N/A
ACGIH TLV-TWA:	N/A	N/A
ACGIH TLV STEL:	N/A	N/A
ACGIH TLV CEILING:	N/A	N/A

APPROPRIATE ENGINEERING CONTROLS: None Required

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

VENTILATION :	Ambient Conditions
RESPIRATORY PROTECTION:	None Required
EYE PROTECTION:	Safety Glasses (suggested)
SKIN PROTECTION:	Gloves (Optional)
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	None Required
WORK HYGIENIC PRACTICES:	Use good industrial hygiene & sanitation practices

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-white, Opaque, Viscous Emulsion

ODOR: None / Neutral

ODOR THRESHOLD: None

pH: 3.5 - 5.0

MELTING POINT: Not Determined

FREEZING POINT: Not Determined

INITIAL BOILING POINT AND BOILING RANGE: Not Determined

FLASH POINT: Pensky Martens Closed Cup – ASTM D93

F: > 212 °F

C: > 100 °C

EVAPORATION RATE: Not Determined

FLAMMABILITY: (SOLID, GAS): Not Applicable

FLAMMIBILITY OR EXPLOSIVE LIMITS:

UPPER LIMIT: Not determined

LOWER LIMIT: Not determined

VAPOR PRESSURE (mmHg): Not Determined

VAPOR DENSITY (AIR = 1): Not Determined

RELATIVE DENSITY (H₂O = 1) @ 22 °C: 0.92-0.98

SOLUBILITY IN WATER: Not Determined

PARTITION COEFFICIENT: n-octanol/water: Not determined

PERCENT SOLIDS BY WEIGHT: 61-69%

AUTO-IGNITION TEMPERATURE: Not determined

DECOMPOSITION TEMPERATURE: Not determined

PERCENT VOLATILE BY WT / BY VOL: Not Determined

VISCOSITY: 500-2400 cps (DVE Viscometer, LV-3 @ 5.0 rpm) for 30 seconds @ Room Temperature

VOLATILE ORGANIC COMPOUNDS (VOC): Not Determined

PHYSICAL STATE: Liquid

MOLECULAR WEIGHT: Not Determined

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY: Not determined

CHEMICAL STABILITY: This product is considered stable under identified storage conditions for the product.

POSSIBILITY OF HAZARDOUS REACTIONS: Not determined

SHELF LIFE: This product has a two-year shelf-life if stored unopened in its original container.

CONDITIONS TO AVOID: **RAW MATERIAL:** Heating over 28°C or Freezing below 0°C during storage.
 POLYMERIZATION: Not Determined

INCOMPATIBLE MATERIALS: Not Determined

HAZARDOUS DECOMPOSITION: **PRODUCTS:** Not Determined
 POLYMERIZATION: Not Determined

SECTION 11: TOXICOLOGICAL INFORMATION

INFORMATION ON THE LIKELY ROUTES OF EXPOSURE:

EYES: Non-irritant (50% dilution); Not Classified as an Irritant
SKIN: Non-irritant (50% dilution)
INGESTION: Not determined
INHALATION: Not applicable

ACUTE OR CHRONIC TOXICITY: None identified

SENSITIZATION: Non-Primary Sensitizer (HRIPT 50/100)

CORROSION IRRITATION: Non-Primary Irritant (HRIPT 50/100)

CARCINOGENICTY/ MUTAGENICITY/ REPRODUCTIVE TOXICITY EFFECTS: None identified

NUMERICAL MEASURES OF TOXICITY: Not determined

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Not classified; Non-hazardous

PERSISTENCE AND DEGRADABILITY: Not determined

BIOACCUMULATIVE POTENTIAL: Not determined

MOBILITY IN THE SOIL: Not determined

OTHER ADVERSE EFFECTS: None identified

ECOLOGICAL INFORMATION: Not classified; Non-hazardous

SECTION 13: DISPOSAL CONSIDERATIONS

Waste disposal method: Review federal, provincial (State) and local government requirements prior to disposal.

RCRA hazard class (40 CFR 261): When a decision is made to discard this material, as received, it is classified as non-hazardous. State/provincial laws may impose additional regulatory requirements regarding disposal. Call Botaneco (403-668-6685), if additional information is required.

SECTION 14: TRANSPORT INFORMATION

UN NUMBER: Not Applicable

UN PROPER SHIPPING NAME: Not Applicable

TRANSPORT HAZARD CLASS: Not classified; Non-hazardous

PACKING GROUP: Not Applicable

ENVIRONMENTAL HAZARDS: None Identified

TRANSPORT IN BULK: Not Applicable

DOT / IMO / IATA: Not classified; Non-hazardous

Special precautions which a user needs to be aware of, or need to comply with, in special precautions with the transport or conveyance within or outside their premises: **None Identified**

SECTION 15: REGULATORY INFORMATION

This product is not currently classified under the following regulations; this product is deemed non-hazardous.

UNITED STATES - FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCES CONTROL ACT): Not Applicable

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not Applicable

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): Not Applicable

EPCRA 311/312 HAZARD CATEGORIES: Not Applicable

EPCRA 313 REPORTABLE INGREDIENTS: Not Applicable

GHS / WHMIS 2015 (CANADA): Not Applicable

CEPA / NPRI (CANADA): Not Applicable

SVHC - Article 59(10) of the REACH Regulation: This product does not contain any Substance of Very High Concern (SVHC) on the European Chemicals Agency (ECHA) candidate list.

INTERNATIONAL INVENTORIES:

COUNTRY(S) OR REGION	INVENTORY NAME	INVENTORY STATUS
Australia	Australian Inventory of Chemical Substances (AICS)	Listed on AICS
Canada	Domestic Substance List (DSL)	Listed on DSL
China	Inventory of Existing Chemical Substances in China (IECSC)	Listed on IECSC
Europe	European Inventory of Commercial Chemical Substances (EINECS)	Listed on EINECS
	Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)	REACH exempt; Annex V Entry 9
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Not Listed on ENCS
Korea	Existing Chemicals List (ECL)	Listed on ECL
Mexico	National Inventory of Chemical Substances of Mexico (INQS)	No information
New Zealand	New Zealand Inventory of Chemicals (NZIoC)	Listed on NZIoC
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Listed on PICCS
Taiwan	Taiwan Chemical Substance Inventory (TSCI)	Listed on TSCI
United States and Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Listed on TSCA

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Botaneco Inc. November 09, 2020

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