



SAFETY DATA SHEET

Hydresia ® SF2

FILE NO.: 4-007
SDS DATE: 09/01/17

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

PRODUCT NAME: Carthamus tinctorius (Safflower) Oleosomes and Water
BRAND NAME: HYDRESIA ® SF2

OTHER MEANS OF IDENTIFICATION: Aqueous Dispersion of Safflower Oilbodies

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

SUPPLIER DETAILS:

MANUFACTURER: Botaneco Inc.
DIVISION: Manufacturing
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: Not Classified under GHS

SIGNAL WORD: Not Applicable

PHYSICAL HAZARD: Not Applicable

HEALTH HAZARD: Not Applicable

PRECAUTIONARY STATEMENTS:

P101: If medical advice is needed, have the product container or label at hand
P281: Use personal protective equipment as required
P301 IF SWALLOWED: Seek medical advice
P332 + P313: If skin irritation occurs: Get medical advice/ attention.
P305 IF IN EYES: Seek medical advice / attention if irritation occurs.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION INFORMATION ON MIXTURE:

INGREDIENT	CAS NO.	EINECS NO	DESCRIPTION	%WET WT.
Safflower Oleosomes (vegetable oil, Protein, and phospholipids)	8001-23-8	N/A	Not classified under GHS	59-67
D-Glucono-1,5-Lactone	90-80-2	202-016-5	Not classified under GHS	1.50
Sodium Benzoate	532-32-1	208-534-8	Not classified under GHS	0.50
Water	7732-18-5	231-791-2	Not classified under GHS	31-39

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. Wipe off and wash with mild soap and water.
INGESTION:	If swallowed, seek medical advice.
INHALATION:	Not applicable

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treatment based on judgment of the physician in response to 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

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. (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 original container cover when not using. The material will turn amber color if exposed to the air long enough for drying to occur

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:

	<u>ppm</u>	<u>mg/m3</u>
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 and sanitation practices

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off white cream

ODOR: None / Neutral

ODOR THRESHOLD: None

pH: 3.5 - 5.0

MELTING POINT: Not Determined

FREEZING POINT: Not determined

F:

C:

INITIAL BOILING POINT AND BOILING RANGE: Not Determined

FLASH POINT: Not determined

F:

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: 0.94-0.90

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) @ 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 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: Not likely to cause irritation

SKIN: No effect, not likely to cause irritation or reaction.

INGESTION: Not determined

INHALATION: Not applicable

ACUTE OR CHRONIC TOXICITY: None identified

SENSITIZATION: None identified

CORROSION IRRITATION: None identified

CARCINOGENICTY/ MUTAGENICTY/ REPRODUCTIVE TOXICITY EFFECTS: None identified

NUMERICAL MEASURES OF TOXICITY: Not determined

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: Non-hazardous

PERSISTENCE AND DEGRADABILITY: Not determined

BIOACCUMMULATIVE POTENTIAL: Not determined

MOBILITY IN THE SOIL: Not determined

OTHER ADVERSE EFFECTS: None Identified

ECOLOGICAL INFORMATION: 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 Applicable

PACKING GROUP: Not Applicable

ENVIRONMENTAL HAZARDS: None Identified

TRANSPORT IN BULK: Not Applicable

DOT / IMO / IATA: Not Applicable

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

UNITED STATES

TSCA (TOXIC SUBSTANCE CONTROL ACT): Not Applicable – non hazardous

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

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

EPCRA 311/312 HAZARD CATEGORIES: Not Applicable – non hazardous

EPCRA 313 REPORTABLE INGREDIENTS: Not Applicable – non hazardous

GHS / WHMIS 2015 (CANADA): Not Applicable – non hazardous

CEPA / NPRI (CANADA): Not Applicable – non hazardous

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

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: Botaneco Inc. September 01, 2017

CLASSIFICATION SYSTEM:

NFPA RATINGS (Scale 0-4):



HMIS RATINGS (Scale 0-4):



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