

SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION

IDENTIFICATION NUMBER: 500972-00

PRODUCT NAME: ACTIFCOL™ ADVANCED BOTANICAL

PRODUCT USE: Cosmetic Ingredient

DATE: May 12, 2017

VERSION: 03/17/2017

MANUFACTURER: LIPOTEC USA, INC.

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SECTION 2 : HAZARD(S) IDENTIFICATION

HAZARD CLASSIFICATION: Not classified

LABEL ELEMENTS:

Hazard Symbol: No Symbol

Signal Word: No signal word.

Hazard Statement: not applicable

PRECAUTIONARY STATEMENT: not applicable

Other hazards which do not result in GHS classification: None identified

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INFORMATION: The components are not hazardous or are below required disclosure limits.

SECTION 4 : FIRST AID MEASURES

EYES : Immediately rinse with large amounts of clean water. Retract eyelids often. Obtain medical attention if pain, tears or redness persist.

SKIN : Flush skin with plenty of clean, flowing water for at least 15 minutes using flowing water and soap. If medical symptoms occur, get medical attention.

INHALATION : Remove to an area of fresh air. If medical symptoms occur, get medical attention.

INGESTION : For ingestion of large quantities, call a physician. Do not induce vomiting unless directed to do so by medical personnel.

PERSONAL PROTECTION FOR FIRST-AID RESPONDERS: When providing first aid always protect yourself against exposure to chemicals or blood born diseases by wearing gloves, masks and eye protection. After providing first aid wash your exposed skin with soap and water.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

SYMPTOMS: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

TREATMENT: Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

GENERAL INFORMATION : Wear appropriate safety and protective gear. Use water spray to keep fire-exposed containers cool. In any fire, combustion products may contain the original material. Take caution for irritating and /or toxic gasses that could be generated.

FLAMMABILITY: Not available

FLAMMABLE LIMITS: LEL (Lower)- Not available **UEL (Upper)-** Not available

FLASH POINT : >95° C

IGNITION TEMPERATURE : Not applicable

EXTINGUISHING MEDIA : Not available

SPECIAL FIRE FIGHTING PROCEDURES: Not available

HAZARDOUS COMBUSTION PRODUCTS : Not available

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not available

SECTION 6 : ACCIDENTAL RELEASE MEASURES

FOR SMALL SPILLS AND LEAKS : Absorb spill with inert material (e.g. vermiculite, sand or earth) and dispose in a suitable container. Use proper protective equipment.

FOR LARGE SPILLS : Use proper protective equipment. Dike around spill and pump into suitable containers. Isolate spill area and deny unnecessary entry. Dispose of in compliance with general and local government regulations.

SECTION 7 : HANDLING AND STORAGE

HANDLING: Avoid contact with eyes, skin and clothing. Keep containers tightly closed until use. Avoid ingestion and inhalation. Use with adequate ventilation. Wash hands before eating, drinking, smoking or using toilet facilities. Dispose of in compliance with general and local government regulations.

STORAGE: Recommend storage in original container. Store in a cool, dry, well-ventilated area away from incompatible substances. To maintain quality, do not store in heat or direct sunlight.

OTHER RECOMMENDATIONS: Avoid contact with strong oxidizing agents such as Nitric Acid or other strong acids, chromium trioxide, potassium chlorate or potassium permanganate.

FOR TOPICAL COSMETIC USE ONLY

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

OCCUPATIONAL EXPOSURE LIMITS: No exposure limit has been established for this product.

OTHER EXPOSURE LIMITS:

Glycerin

OSHA TWA (Total) is: 10 mg/m³

OSHA TWA (Respirable): 5 mg/m³

OSHA Z-1 PEL (TOTAL): 15 mg/m³

OSHA Z-1 PEL(Respirable): 5 mg/m³

APPROPRIATE ENGINEERING CONTROLS: Use adequate ventilation to keep airborne concentrations low. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

GENERAL: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Sinks and washing facilities should also be immediately available. Use adequate ventilation to keep airborne concentrations low.

HYGIENE MEASURES: Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Remove any exposed clothing and wash thoroughly before reuse.

EYES: Use safety glasses, safety goggles or face shield to prevent eye contact.

SKIN: No precautions other than clean body-covering clothing should be needed. Wash exposed skin with soap and water. Soiled work clothing should be laundered or dry-cleaned.

RESPIRATORY: Airborne concentrations should be kept to lowest levels possible. However, if material is used with excessive heating or sprayed, use adequate ventilation and use an approved air-purifying respirator and equipment.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE AND APPEARANCE: Light to medium amber liquid

ODOR: Characteristic

COLOR: Light to medium amber

SPECIFIC GRAVITY: 1.00 - 1.10

REFRACTIVE INDEX: 1.34 - 1.38

SOLUBILITY IN WATER: Soluble in any proportion in water

PH: 4.0 - 6.0

VISCOSITY: N/A

BOILING POINT: N/A

FLASH POINT: >95° C

VAPOR DENSITY (Air=1): N/A

VAPOR PRESSURE: N/A

EVAPORATION RATE (Butyl acetate=1): N/A

OXIDISING PROPERTIES: Avoid strong oxidising agents.

SECTION 10 : STABILITY AND REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Glycerin is incompatible with strong oxidizers such as sodium hypochlorite, hypochlorous acid.

REACTIVITY: Glycerin MAY react violently with acetic anhydride, aniline and nitrobenzene, chromic oxide, lead oxide and fluorine, phosphorous triiodide, ethylene oxide and heat, silver perchlorate, sodium peroxide or sodium hydride.

POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS: Acrolein

SECTION 11 : TOXICOLOGICAL INFORMATION

Information on toxicological effects:

Acute toxicity: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitization: no data available

Germ cell mutagenicity: no data available

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity: no data available

Specific target organ toxicity - single exposure: no data available

Inhalation: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information

To the best of our knowledge, toxicological properties have not been thoroughly investigated.

SECTION 12 : ECOLOGICAL INFORMATION

THIS PRODUCT IS NOT A TOXIC OR ECOLOGICAL RISK.

Ecotoxicity

Effects on the aquatic environment: no data available

Biodegradability: no data available

Persistence: no data available

Bioaccumulation: no data available

Octanol / water partition coefficient: no data available

Mobility: no data available

Precipitation: no data available

Expected behavior of the product: no data available

Other Adverse Effects: no data available

SECTION 13 : DISPOSAL CONSIDERATIONS

Do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

SECTION 14 : TRANSPORT INFORMATION

Land, marine, air transport - Other than normal shipping instructions and information on the SDS, there are no other specific regulations governing the shipment of this material.

THIS PRODUCT IS NOT DANGEROUS ACCORDING TO TRANSPORTATION REGULATIONS.

SECTION 15 : OTHER REGULATORY INFORMATION

FOR TOPICAL COSMETIC USE ONLY

Summary of regulatory information is available as a separate document provided upon request.

USA: NATIONAL FIRE PROTECTION ASSOCIATION (NFPA):

HEALTH:1	FLAMMABILITY:1	REACTIVITY:0	SPECIAL HAZARD:None
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USA: HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS):

HEALTH:1	FLAMMABILITY:1	PHYSICAL HAZARD:0	PERSONAL PROTECTION:D
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SECTION 16 : OTHER INFORMATION

DISCLAIMER:

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