

Safety Data Sheet

Section 1: Product & Company Identification

Product Trade Name: Lacti-Bright Acid Peel

Supplier: Delasco
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100
Plano, TX 75074
1-712-323-3269
www.delasco.com
questions@delasco.com

Emergency Phone: 1 (800) 424-9300

Fax Number: 501-801-1174

Section 2: Composition/Ingredient Information

Ingredient	Percentage	CAS Number
SDA40B 200 Proof	53%	64-17-5
Lactic Acid, 85 Percent, Reagent, ACS	45%	50-21-5
Hydroquinone	2%	123-31-9

Section 3: Hazard Identification

Lactic Acid, & Hydroquinone are all considered hazardous by the 2012 OSHA Hazard communication Standard (29 CFR 1910.1200).



Hazard Classification:

FLAMMABLE LIQUID! (Category 3)
Causes severe skin and eye damage (Category 1)
Skin Corrosion (Category 1)
Skin Sensitization (Category 1)
Germ Cell Mutagenicity (Category 2)

Hazard Statements:

Harmful if swallowed
Can cause severe skin burns and eye damage
Causes serious eye damage
May cause an allergic skin reaction

Precautionary Statements:

Prolonged exposure may cause headache, dizziness, rapid pulse, slight to moderate hyperpnoea, lethargy, nausea or vomiting, dermatitis, dyspnea, and shortness of breath.

Section 4: First aid Measures

- I. Eye:**
Immediately flush with plenty of water for 15 minutes. After initial flushing, remove contact lenses and continue flush for at least another 15 minutes. Assure adequate flushing by occasionally lifting the upper AND lower eyelids with fingers. Have eyes examined and tested by medical professional.
- II. Skin:**
Wash the affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). In case of chemical burns, securely cover area with sterile dressing (not too tight) and seek medical attention immediately. If clothes have been contaminated get professionally washed (or discard) before reuse.
- III. Inhalation:**
If inhaled, move to fresh air immediately. DO NOT give mouth to mouth resuscitation if victim has inhaled or ingested substance. Qualified personnel should administer oxygen if breathing is difficult. Keep victim warm and seek medical attention immediately.
- IV. Ingestion:**
If swallowed, do NOT induce vomiting. If victim is conscious and alert administer fluids repeatedly. Ingested acid must be diluted approximately 100 fold to render it harmless to tissues. Get medical attention immediately.

Section 5: Fire-Fighting Measures

Flash Point: 55F (ethanol) **Lower Explosive Limit: 3.3** (ethanol) **Upper Explosive Limit: 19.0** (ethanol)

- I. Fire Extinguishing Media:**
Use dry chemical, "Alcohol" Foam, or CO₂. Water may be ineffective, but water should be used to keep fire exposed container cool.
- II. Hazardous Combustion And Decomposition Products:**
Combustion products are carbon oxides.
- III. Fire and Explosion Hazards:**
Combustible at high temperatures. Above Ethanol's flash point, vapor-air mixtures are explosive. Vapors can flow along surface to ignition and flash back. Sealed containers may rupture when heated. Sensitive to static discharge.
- IV. Fire Fighting Procedures:**
Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH approved positive pressure self contained breathing apparatus (SCBA) and full protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure.

Section 6: Accidental Release Measures

- I. Steps to be Taken In Case Material is Released or Spilled:**
Isolate the hazard area and keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition. Safely stop discharge and contain material, as necessary, with dike or barrier.
Provide adequate ventilation during clean up procedures.
- II. Cleaning Methods:**

Dilute spill with water and Sodium Bicarbonate. Absorb spill with inert material (e.g. vermiculite, dry sand, or earth). Use appropriate tools to put the spilled material in suitable chemical waste disposal container. Clean contaminated surface thoroughly.

Section 7: Handling and Storage

- I. Handling:**

Always wear gloves when handling. Wash hands thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities. Provide sufficient air exchange and/or exhaust in work rooms. Do not ingest, breathe vapors or spray mist. Professionally launder contaminated clothing before reuse.
- II. Storage:**

Store at room temperature in the original container. Keep containers tightly closed in a dry, well ventilated area away from heat, ignition sources, direct sunlight, and water
- III. Shelf Life:**

Product has a shelf life of two (2) years provided the container has NOT been opened. Opened containers have a shelf life of one (1) year.

Section 8: Exposure Controls/Personal Protection

- I. Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eye wash facility and safety shower.
- II. Ventilation:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred.
- III. Respiratory Protection:**

Clinicians should also wear a surgical mask for long/repeated exposure to prevent fumes. In the event of large spill, clean up, wear an approved respirator with organic vapor cartridges.
- IV. Skin Protection:**

Wear appropriate protective gloves to prevent skin exposure. As well as, appropriate clothing.
- V. Eye Protection:**

Not necessary for normal product handling, but eye protection is highly recommended for clinician. AVOID eye contact. For large spill clean up, wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face regulations in 29CFR 1910.134. Maintain eye wash fountain and quick-drench facilities in work area.
- VI. Protective Clothing:**

Not necessary for normal product handling. Clinicians repeatedly applying product to patients should wear latex gloves when handling. Clinicians should also wear a surgical mask for long/repeated exposure to prevent fumes from causing headaches, dizziness, rapid pulse, etc. (see section 3: precautionary statement for long exposure effects)
- VII. Personal Hygiene:**

Immediately wash hands thoroughly after handling. NO eating, drinking, or smoking in area.

Section 9: Physical and Chemical Properties

- I. Appearance:**
Will be a colorless Solution

- II. Odor:**
Ethanol

- III. pH:**
1.68

Section 10: Stability and Reactivity

- I. Stability:**
Water sensitive. Sensitive to light. Exposure to light accelerates decomposition. Stable under recommended storage conditions. Hazardous polymerization does not occur.

- II. Materials to avoid:**
Heat. Ignition sources, water, and light. Store away from oxidizing agents, metals, cyanides, sulfides, iron salts, spirit nitrous ether, lead acetate, and iodine. Store below 30C (86F).

- III. Hazardous Decomposition:**
Carbon dioxide and/or Carbon Monoxide

Section 11: Toxicological Information

TOXICITY: LACTIC ACID

Oral LD50:

Rat: 3730 mg/kg
Mouse: 4875 mg/kg

Inhalation LC50:

Rat: >7.940mg/l 4hr
Mouse: NO information

Dermal LD50:

TOXICITY: Hydroquinone

Oral LD50:

Rat: 298 mg/kg
Mouse: 245-350mg/kg

Inhalation LC50:

Rat: NO Information
Mouse: NO information

Dermal LD50:

Rat: >900mg/kg
Rabbit: 74800 mg/kg

TOXICITY : (Denatured Ethyl Alcohol)

Oral LD50:

Rat: 7060 mg/kg

Inhalation LC50:

Rat: 20,000 ppm/1 OH

Irritation data (eye):

50mg/24H Severe

Other Information

This document has been prepared in accordance with the SDS requirement of OSHA Hazard communication Standard 29 CFR 1810.1200

MSDS ID#: 019

Preparation Date: 8/13/2018

References:

SDA40B 200 PROOF; Specially Denatured Ethyl Alcohol 200 Proof; SDA Formula 40B, MSDS No. N/A; Ultra Pure: Darien, Connecticut, 6/29/2015.

Safety Data Sheet; Lactic Acid, 85 Percent, Reagent, ACS; MSDS No. N/A; Spectrum Chemical Mfg. Corp.; Gardena, California. 3/24/15

Safety Data Sheet; Hydroquinone, USP; MSDS No. N/A; Spectrum Chemical Mfg. Corp.; Gardena, California. 6/15/15