## Ехнівіт В

(Application Serial No. 87015660)

## **PROSPECTOR®**

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# Dipotassium Glycyrrhizinate

INCI Name: Dipotassium Glycyrrhizate

Company: Sandream Impact

Dipotassium Glycyrrhizinate is a dipotassium salt of Glycyrrhizic Acid. It can be used as a flavoring agent and a skin conditioning agent with anti-allergic and anti-inflammatory properties. It can inhibit the leuco triene and reduce histamine. It has been widely used in the dermatological medicine in topical applications. This is a non-GMO product.











#### **Documents**

Datasheet

Dipotassium Glycyrrhizinate Datasheet

**Brochure** 

**Highlight of Active Cosmetic Ingredients** 

MSDS / SDS

MSDS / SDS

## Company

Sandream Impact manufactures innovative cosmetic actives and pigments for Personal Care and Cosmetics. Sandream's cosmetic actives include UV absorbers, preservatives, disinfectants, vitamins, amino acids, skin whiteners, skin lighteners, anti-inflammatory, anti-oxidant, anti-aging, and moisturizing agents. Pigments include pearlescent and thermochromic pigments to carmine natural colors and more.

#### Company Documents

November 2016: Fall-Inspired Palette for the Face... October 2016 - Color Trends Fall/Winter 2017-18 SEPTEMBER 2016 - FACIAL EDITION Plant Stem Cell and Peptide - A Focus List The Structure & Mechanism of Soft Focus Effect Powders and **Pigments** Unique D-5 Free Silicone Elastomer Information of Peptides Plant Cell Technlogies of Sandream

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Supply Chain Information

Sandream Impact makes their documentation available in the regions indicated below:



#### Categories

#### Chemical Class Categories

- Sterols
- Organic Salts

#### **Functionality Categories**

Anti-Inflammatory Agents

## Where to Buy

Sandream Impact

✓ Visit Website

Are you a distributor who is interested in being listed here? Contact us!

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## UL's Supply Chain Information for Dipotassium Glycyrrhizinate

Supply chain information is an indispensible tool that delivers global regulatory and retailer information inside Prospector's product profile pages. Enhance your formulation work by adding this valuable information, as well as premium search facets, to your search interface with a Prospector subscription.

**Find** compliance data quickly and easily.

Track new rules as you research ingredients.

**Speed** up innovation by knowing regulation up-front.

**Save** money by avoiding last minute crises.

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### Regulatory Snapshots

#### CAS NAME (NUMBER) & DOCUMENT

COMPLIANCE

.alpha.-D-Glucopyranosiduronic acid, (3.beta.,20.beta.)-20-carboxy-11-oxo-30-norolean-12-en-3-yl 2-O-.beta.-D-glucopyranuronosyl-, dipotassium salt (68797-35-3)

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Please Note: information is updated quarterly. Please check with the regulating body and retailers for the most updated information.

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#### DIPOTASSIUM GLYCYRRHIZATE

DIPOTASSIUM GLYCYRRHIZATE is classified as :

 Humectant Skin conditioning

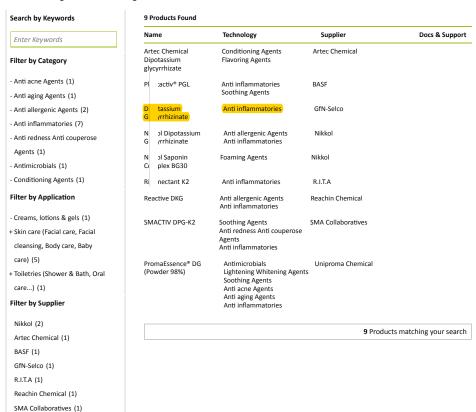
CAS Number:: 68797-35-3 **EINECS** 272-296-1

Chem/IUPAC Name/Description: .alpha.-d-Glucopyranosiduronic acid, (3.beta., 20.beta.)-20-carboxy-11-oxo-30-norolean-12-en-3-yl 2-O-.beta.-d-glucopyranuronosyl-, dipotassium salt

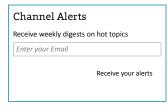
Products (9)

Formulations (2) News (1)

#### 9 Cosmetics Ingredients containing DIPOTASSIUM GLYCYRRHIZATE



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#### 2 Formulations containing DIPOTASSIUM GLYCYRRHIZATE

#### Toiletries: Toothpaste by Ajinomoto

Toothpaste is an SDS-free mild toothpaste formulation. It contains AMISOFT MS-11 which acts as a surfactant and moisturizing agent. It is very mild, highly biodegradable and hypoallergenic. A formulation by Ajinomoto.

#### Decorative Cosmetics: AHA Liquid Makeup by AkzoNobel

STRUCTURE® SOLANACE starch, a naturally derived rheology modifier, increases stability and contributes to a unique soft conditioning after feel. DRY-FLO® PURE starch provides soft silky feel.

Products (9) Formulations (2) News (1)

#### News related to DIPOTASSIUM GLYCYRRHIZATE

Feb 21, 2013 | Product News

TURO SKIN™ Launches Sport Lotion + Sunscreen Broad Spectrum SPF 30

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**Dipotassium Glycyrrhizate** 

Overview

Safety

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#### What Is It?

Glycyrrhetinic Acid and Glycyrrhizic Acid are specific compounds isolated from licorice plants. Glycyrrhizic Acic is a conjugate of Glycyrhetinic Acid and two molecules of glucuronic acid, a carbohydrate. Potassium Glycyrrhetinate, Sodium Succinoyl Glycyrrhetinate, Glyceryl Glycyrrhetinate, Glycyrrhetinyl Stearate and Stearyl Glycyrrhetinate are salts and esters of Glycyrrhetinic Acid.

Ammonium Glycyrrhizate, Dipotassium Glycyrrhizate, Disodium Glycyrrhizate, Trisodium Glycyrrhizate, Methyl Glycyrrhizate and Potassium Glycyrrhizinate are salts and esters of Glycyrrhizic Acid. In cosmetics and personal care products, these ingredients are used in the formulation of makeup, fragrance, hair care, skin care, shaving, personal hygiene and suntan products.

# Why is it used in cosmetics and personal care products?

These ingredients are used to enhance the appearance of dry or damaged skin by reducing flaking and restoring suppleness.

They are also used to impart a flavor to cosmetics and personal care products.

## **Scientific Facts:**

Glycyrrhetinic Acid is an <u>organic compound</u> derived from shredded licorice roots and Glycyrrhizic Acid is a natural material isolated from the licorice plant, *Glycyrrhiza glabra*.

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#### Dipotassium glycyrrhizate

\* Botanical Ingredient \* \* A salt derived from the licorice plant. Also known as licorice root extract.

This skin conditioning agent works to improve the appearance of dry/damaged skin by reducing flaking and restoring suppleness, and also functions as an anti-irritant with anti-inflammatory and skin soothing capabilities. In fact, clinical tests point to the ingredient as an effective treatment for atopic dermatitis.

- \*Botanical Ingredient \*
- \*A salt derived from the licorice plant. Also known as licorice root extract.

#### **Functions:**

This skin conditioning agent works to improve the appearance of dry/damaged skin by reducing flaking and restoring suppleness, and also functions as an anti-irritant with anti-inflammatory and skin soothing capabilities. In fact, clinical tests (http://www.ingentaconnect.com/content/apl/jdt/2003/0000014/0000003/art00005) point to the ingredient as an effective treatment for atopic dermatitis.

Furthermore, studies (http://pubs.acs.org/doi/abs/10.1021/jf020935u) suggest it may also inhibit the skin's tyrosinase activity and melanin production, making it a potential lightening/brightening agent that prevents hyperpigmentation. Further studies have shown it to help reduce the redness and irritation commonly associated with various ailments such as Rosacea, Psoriasis and acne. It can be found in personal care products such as facial moisturizer/lotion, anti-aging treatment, sunscreen, acne treatment, cleanser, foundation, skin fader/lightener, facial masque and eye cream.

#### Safety Measures/Side Effects:

The FDA (http://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfcfr/CFRSearch.cfm?fr=184.1408& SearchTerm=licorice) includes this ingredient on its list of Generally Recognized As Safe (GRAS) direct food ingredients. Clinical tests demonstrate that dipotassium glycyrrhizate does not penetrate nor irritate the skin. Both the EU Cosmetics Directive (http://ec.europa.eu/enterprise/cosmetics/html/consolidated\_dir.htm) and the Cosmetic Ingredient Review (CIR) Expert Panel have determined it as non-toxic and safe to use in OTC personal care products. However, because it's a plant derived ingredient, The CIR Expert Panel advises cosmetic manufacturers to take the neccessary steps to assure that pesticide and toxic metal residues are below acceptable levels.

#### Recommended Products With Dipotassium Glycyrrhizate:

E'Shee Clinical Esthetic Elixir of Life KI Therapy Serum (http://www.truthinaging.com/e-shee-elixir-of-life-ki-therapy-serum) (\$189 in the shop), M.A.D Skinare Daily Illuminating Moisturizer (\$50), Amarte Daily Exfolipowder (\$35), LiftLab Lift & Fix High Potency Solution (\$95), M.A.D Skincare Youth Transformation Retinol Complex Serum 1% (\$79)

As much as possible, products in the Truth In Aging shop (http://www.truthinaging.com/store) are chosen for their safety profile as well as effectiveness.

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