

**Labelling of non-crystallising sorbitol syrups
in cosmetic products in the European Union**

In June 2015, EPA Members explored potential approaches to overcome challenges encountered by cosmetics manufacturers regarding labelling of sorbitol syrups that contain less than 80 % sorbitol on dry substance as “hydrogenated starch hydrolysate” in the list of ingredients of cosmetic products.

Two steps were conducted to remedy the situation:

1. To request a new CAS number dedicated to non-crystallising sorbitol solution to the Chemical Abstract Service (CAS) division of the American Chemical Society;
2. To request this new CAS number being added to the existing INCI name “Sorbitol” to the Personal Care Product Council.

EPA Members are now pleased to announce they succeed with both above steps. The additional CAS number 1259528-21-6 is now:

- attributed to non-crystallising sorbitol solution and is complimentary to the existing CAS number 68425-17-2;
- added to existing INCI “sorbitol” in addition to the already listed CAS No 50-70-4.

It should also be noticed that “hydrogenated starch hydrolysate” INCI name associated with CAS number 68425-17-2 for non-crystallising sorbitol solution remains valid.

Consequently, cosmetics manufacturers are now allowed to label non-crystallising sorbitol solution ingredient as “sorbitol” or “hydrogenated starch hydrolysate” in their cosmetics products.

22 April 2016

Encl: copy of the wINCI “sorbitol”

Sorbitol

- INCI Name: Sorbitol
- INCI Monograph ID: 2994
- CAS No: 50-70-4
- Empirical Formula: C₆H₁₄O₆
- Definition: Sorbitol is the hexahydric alcohol that conforms to the formula: [\(structure\)](#)
- Information Source(s): BP, 21CFR175.300, 21CFR182.90, 21CFR184.1835, 21CFR310.545, 21CFR582.5835, 40CFR180.950, CTFA S, EP, FCC, JAN, JCLS, JP, JSCI, MI, NF, OTC-I-LX, REACH(IV), RIFM, TSCA, UNII: 506T60A25R, USAN, USP
- Chemical Class(es): [Polyols](#)
- Reported Functions: [Flavoring Agents](#); [Fragrance Ingredients](#); [Humectants](#); [Skin-Conditioning Agents - Humectant](#)
- Reported Product Categories: [Aftershave Lotions](#); [Baby Lotions, Oils, Powders and Creams](#); [Baby Products, Misc.](#); [Baby Shampoos](#); [Bath Capsules](#); [Bath Oils, Tablets, and Salts](#); [Bath Preparations, Misc.](#); [Bath Soaps and Detergents](#); [Body and Hand Preparations \(Excluding Shaving Preparations\)](#); [Bubble Baths](#); [Cleansing Products \(Cold Creams, Cleansing Lotions, Liquids and Pads\)](#); [Cuticle Softeners](#); [Dentifrices \(Aerosol, Liquid, Pastes and Powders\)](#); [Deodorants \(Underarm\)](#); [Douches](#); [Eye Lotions](#); [Eye Makeup Preparations, Misc.](#); [Eye Makeup Removers](#); [Eye Shadows](#); [Eyebrow Pencils](#); [Eyeliners](#); [Face Powders](#); [Face and Neck Preparations \(Excluding Shaving Preparations\)](#); [Foot Powders and Sprays](#); [Foundations](#); [Fragrance Preparations, Misc.](#); [Hair Bleaches](#); [Hair Conditioners](#); [Hair Dyes and Colors \(All Types Requiring Caution Statements and Patch Tests\)](#); [Hair Preparations \(Non-coloring\), Misc.](#); [Hair Sprays \(Aerosol Fixatives\)](#); [Hair Straighteners](#); [Hair Wave Sets](#); [Indoor Tanning Preparations](#); [Leg and Body Paints](#); [Lipsticks](#); [Makeup Bases](#); [Makeup Preparations \(Not eye\), Misc.](#); [Manicuring Preparations, Misc.](#); [Mascara](#); [Moisturizing Preparations](#); [Mouthwashes and Breath Fresheners \(Liquids and Sprays\)](#); [Nail Creams and Lotions](#); [Nail Polish and Enamel Removers](#); [Night Skin Care Preparations](#); [Oral Hygiene Products, Misc.](#); [Paste Masks \(Mud Packs\)](#); [Permanent Waves](#); [Personal Cleanliness Products, Misc.](#); [Rouges](#); [Sachets](#); [Shampoos \(Non-coloring\)](#); [Shaving Cream \(Aerosol, Brushless and Lather\)](#); [Shaving Preparations, Misc.](#); [Shaving Soap \(Cakes, Sticks, etc.\)](#); [Skin Care Preparations, Misc.](#); [Skin Fresheners](#); [Suntan Gels, Creams, and Liquids](#); [Suntan Preparations, Misc.](#); [Tonics, Dressings, and Other Hair Grooming Aids](#)
- Ingredient Source(s): Plant, Synthetic
- Technical Name(s):
 - D-Glucitol
 - d-Sorbitol (RIFM)
 - Sorbitol Solution
 - sorbitolum (EP)
- Trade Name(s): [Click here to view full list of Trade Names](#)
- Trade Name Mixture(s): [Click here to view full list of Trade Name Mixtures](#)
- Translations:
 - [Japanese Translation](#)
 - [Chinese Translation](#)