



LIME BUTTER®

Lime Butter[®] is a soft, creamy emollient paste made from naturally derived octyl dodecanol from coconut oil, NF grade beeswax, and cold pressed lime oil. This results in a natural product, that melts at body temperature, has superb barrier qualities, and excellent emolliency. Lime Butter[®] has been specifically designed for skin and sun care applications, having outstanding skin feel with good play time, without the greasiness of conventional butters, plus combining the benefits and functional attributes of lime oil. This product adds new marketing dimensions for all segments of personal care applications.

TYPICAL PROPERTIES

Appearance at 25 °C: Odd-white paste

Odour: Typical mild fatty

Colour (Gardner): 5 Max

Acid Value (mg KOH/g): 5 Max

Melt Point: 40 to 50 °C

GLOBAL DESIGNATIONS

Adopted INCI Name:

Octyl dodecanol, Beeswax, Citrus Aurantifolia (Lime) Oil.

CAS Reg. No.: 5333-42-6, 8012-89-3, 8008-26-2 **EINECS:** 226-242-9, 232-383-7, N/A

ECOCERT: Certified

Canada (DSL): Listed
China (IECSC): Listed
Australia (AICS): Listed
Korea (ECL): Listed
Japan (ENCS): Listed

STORAGE AND PACKAGING

Lime Butter[®] has a normal shelf life of 36 months when stored in sealed unopened containers in a cool dry location at temperatures between 15°C and 25°C.

Lime Butter® is available in 16 kg pails and 95 kg drums.



SOLUBILITY AND COMPATIBILITY

Solvent	50 °C	25 °C
Water	INSOLUBLE	INSOLUBLE
Glycerin	INSOLUBLE	INSOLUBLE
Propylene Glycol	INSOLUBLE	INSOLUBLE
Mineral Oil	SOLUBLE	INSOLUBLE
Isopropyl myristate	SOLUBLE	INSOLUBLE
Cyclomethicone	SOLUBLE	DISPERSIBLE
Octyl palmitate	SOLUBLE	INSOLUBLE
Eutonol G	DISPERSIBLE	DISPERSIBLE
Dimethicone	DISPERSIBLE	INSOLUBLE
Ethanol (95%)	INSOLUBLE	INSOLUBLE
Castor Oil	DISPERSIBLE	DISPERSIBLE
Butylene glycol	INSOLUBLE/HAZY	COMPATIBLE
Safflower oil	DISPERSIBLE	DISPERSIBLE

APPLICATIONS

Colour Care:

Lip sticks, mascaras, foundations and pencils.

Skin Care:

Moisturizers, skin lotions, ointments, and balms.

Sun Care:

Sunscreen lotions, after sun moisturizers, and lip balms.

Hair Care:

Pomades, styling products, and Conditioners.

Nail Care:

Cuticle care products.

Typical Use Levels: 1.0 to 10.0 %

TDS Z44303 Rev.1 November 2013

Zenitech®, division of TC USA Inc.

34 Clayson Road, Toronto, Ontario, M9M 2G8 · Phone: 800-915-0066 · Fax: 416-741-6475 · www.tc-usa.com

The information and statements contained herein are based on the works of others and those of TC USA Inc and are believed to be reliable. No guarantee is made as to how the product(s) will perform in combination with other substances or in the users process. It is the responsibility of the user to determine end product suitability, and as such TC USA Inc shall not be liable for, and the user assumes all risk and liability of any use or handling of any material beyond TC USA Inc's direct control. NO WARENTEIS, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRENTIES OF MERCHANTIBILITY AND FITNESS FOR A PARTICULAR PURPOSE IS MADE. Nothing contained herein grants or extends a license, express or implied, in connection with patents, issued or pending, of TC USA Inc or others. Zenitech® and Lime Butter® are registered Trademarks of TC USA Inc.