

Natural
Vegetable
Functional

The Lipid Expert!

Lipex[®] BC

- Excellent in stick and pencil applications
- High resistance to bloom
- Provides hardness and strength

Product name

Lipex[®] BC

INCI name

INCI: Hydrogenated Vegetable Oil

Physical form/Consistency at 20 °C

Triglycerides, Solid (mp 35 °C)

Regulatory Status

CTFA, JSIC

Recommended use levels

5 -10 %

Packaging

Carton 25 kg

Product Data Sheet/Article number

8522

Formulations

JT-04-13, Shea Body Butter III

August 2008

Functionality and benefits

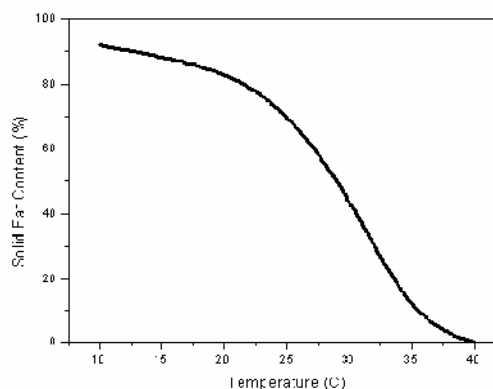
One problem with the lower-melting solids in stick formulations is their higher sensitivity to temperature fluctuations compared to the high-melting ingredients. If the system is poorly formulated, a phenomenon known as “bloom” may occur. Such bloom consists of fat and wax crystals growing on the surface. Bloom formation has several causes: poor compatibility between ingredients, for example, or unsuitable processing or storage conditions.

Lipex[®] BC (for bloom control) is stable in its beta-prime form, which makes it ideally suited for decorative cosmetics in combination with commonly used waxes and liquid oils.

Applications

Lipex[®] BC is a lower-melting solid fat characterised by rapid crystallisation and good compatibility with other stick and pencil ingredients. It provides structure to the formulation at room temperature, but melts at body temperature which increases pay-off and creaminess in the stick formulation.

Melting profile Lipex[®] BC



Natural
Vegetable
Functional



The Lipid Expert!

Furthermore, it has very good resistance to fat bloom and recrystallisation on storage. It can be added at 5-10% in a stick formulation to provide increased pay-off, without any loss of stability. Lipex® BC combines well with most commonly used natural and synthetic waxes, in extruded and moulded pencils as well as in moisturising lipstick formulations. If a higher melting point is desired Lipex® BC can preferentially be formulated together with Akofine P.

All of AarhusKarlshamn products are manufactured to the highest standards in state-of-the-art processing facilities. Special care is taken to select raw materials that fulfil all requirements for purity, identity and quality.



Karlshamns' products for stick and pencil applications

Liquid oils	Lipex® 203 (Mango kernel oil) Lipex® 205 (Shea butter liquid) Akorex L
Semi-solid oil	Akoice
Bloom control	Lipex® BC
High melting	Akofine P

