

## Technical Datasheet

**SAT-ET-Iose**

**INCI-name: L-Erythrulose**

**Einecs Nr.: 443-800-9**

**CAS-no.: 533-50-6**

Erythrulose is a natural keto-sugar produced by fermentation. Erythrulose, used as self tanning agent, serves a longlasting, natural looking tan brown with similar tanning effects like the sunlight. In combination with Dihydroxyacetone it reduces the skin drying of DHA based tanning products.

**Recommended dosage 1 – 5%.**

	<b>Standard</b>
<b>Appearance</b>	<b>Yellow, highly viscous liquid</b>
<b>pH (50% in water)</b>	<b>2,0 – 3,5</b>
<b>Erythrulose (m/m)</b>	<b>min. 76%</b>
<b>Water content</b>	<b>max. 24%</b>
<b>Total nitrogen</b>	<b>&lt; 0,1%</b>
<b>Sulfated ash</b>	<b>&lt; 1,5%</b>
<b>Total plate count (cfu/g)</b>	<b>&lt; 100cfu/g</b>
<b>E.coli</b>	<b>absent in 1g</b>
<b>Specific pathogens</b>	<b>negative</b>
<b>Preservatives</b>	<b>negative</b>

**Package: 25kg/barrel**

**Storage: at 4°C -8°C**

**Shelf life: 36 months after manufacturing date**

**Remark: protect products with Erythrulose from light, avoid contact with Fe(III) and Cu(II). Avoid contact with amines**

**Add Erythrulose to the batch below 45°C**