



A-4000-OSS KG

Product Information

Version: 1 PI US EN 09-23-2019

Description A-4000-OSS KG is an orange-red suspension, produced by extraction of annatto pigments from the seeds of the annatto tree (*Bixa orellana L.*) using oil. The major coloring principle is bixin.

Packaging:	Material no: 703613	Size: 13 kg	Type: White plastic can 15 l
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Physical Properties	Color:	Reddish orange
	Form:	Liquid
	Solubility:	Oil soluble suspension

Application **Usage**
Foods generally.

Please consult Chapter 21 of the CFR for current legislation, as restrictions within specific food applications may apply. Legislations are not globally harmonized, therefore it is advised to consult regulations for the intended market against final application.

Food products with a high fat content.

Yellow to orange hue in the final product depending on the food product, processing and the quantity used.

Directions for use
Mix thoroughly before use, as pigments may settle during storage. Can be added directly to the food product or dispersed in the oil phase prior to use, depending upon the application.

Storage and handling	Temperature:	4 - 8 °C / 39 - 46 °F
	Conditions:	Dry, Protect from light

Ambient transport.

Shelf life 730 days in unopened containers at the recommended storage temperature.



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Technical Data

Color strength: Annatto bixin: 3.61 - 3.99%

Relative density: 0.90 - 0.96

Odor: Characteristic

Microbiological quality	
Total Viable Count:	≤ 100 cfu/g
Total Yeasts and Moulds:	≤ 10 cfu/g
Total Enterobacteriaceae:	≤ 10 cfu/g
Aerobic Sporeforming Bacteria:	≤ 10 cfu/g
Sulphite reducing clostridia:	≤ 10 cfu/g

Pathogens	
<i>Salmonella sp.:</i>	Absent in 25g
<i>Listeria monocytogenes:</i>	Absent in 25g
<i>E. coli:</i>	Absent in 1 g
<i>S. aureus:</i>	Absent in 1 g

Legislation

This color is in full compliance with 21 CFR Part 73.30 and is approved for use in food. It is exempt from certification.

Ingredients

Sunflower oil, Annatto extract.

Labeling

Labeling of this product for the ingredient statement should be according to the FDA regulations, 21CFR 101.22. For example: annatto extract (color); colored with annatto extract.

California Proposition 65

Oterra colors comply with the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 known as Proposition 65. This product does not contain levels of contaminants or by-products that require a warning label.

Dietary status

Kosher: Kosher Pareve Excl. Passover
Halal: Certified
Vegetarian: Yes

Technical support

Oterra's Application and Product Development Laboratories and personnel are available if you need further information.