

# Potassium Castorate

## Natural Emulsifier

## TECHNICAL DATA SHEET

### Potassium Ricinoleate

Made from 100% Organic Castor Oil -

Organic Certified by:



#### DESCRIPTION:

Sanitek's Potassium Castorate Castile Soap is made from pure organic-certified Castor Oil. Potassium Castorate is formulated to provide a clear and concentrated soap primarily used as an additive. Very mild to skin, yet provides excellent emulsifying qualities, Potassium Castorate is ideal for emulsifying essential oils with little-to-no heating needed.

Potassium Castorate may be added up to 15% of the soap base formula. Formulator should lab test for compatibility with e/o's before scaling up; allow up to 48 hours for product to clear, otherwise heat may be needed to clear solution.

Because we use only whole oils, and not fatty acid derivatives, the natural glycerin is retained - adding emollient and moisturizing qualities.

As with all of Sanitek's products, Potassium Castorate is subjected to strict quality control tests to insure batch uniformity before being released for sale.

#### INGREDIENTS:

Water (Aqua), Organic Ricinus Communis (Castor) Seed Oil, Potassium Hydroxide\*, Citric Acid.

\*None remains after saponifying oils into glycerin (retained) and soap.

#### USES:

Additive for use in Agriculture, Textile, Lubricants, Skin Emollient, Moisturizer, Pet Care.

#### ORGANIC CERTIFICATION:

USDA's National Organic Program, Made-With category.

79% Organic Content

#### DOES NOT CONTAIN:

Sulfates, preservatives, artificial dyes or colorants, petroleum-based materials, animal products.

Made in the USA!

& Never Tested on Animals.

#### HEALTH & SAFETY:

CAUTION — NOT FOR INTERNAL USE

For Industrial and Institutional Use Only

KEEP OUT OF REACH OF CHILDREN

Do Not Store in Open or Unmarked Containers

See Product SDS for more Health & Safety Information

#### PACKAGING:

5-gallon pail, 55-gallon drum, & 275-gallon tote bin.

#### CAS # / INCI:

8013-05-06 / Potassium Castorate

ITEM NO.: 00373

rev. 0723-01

#### TYPICAL SPECIFICATION:

Appearance: Clear to Slight haze liquid.

Color: Medium straw color.

Solids: 36.0% ± 1.00%

Density: 8.67 ppg (typical)

pH (20c): 10.5 ± 0.50

Specific Gravity: 1.041

Viscosity (20c): 90 cps (spindle #3, 60 rpm)



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