



Chemistry Connection
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TECHNICAL DATA SHEET

Product Name: Castor Oil

INCI Name: Ricinus communis (Castor) seed oil

CAS#: 8001-79-4

EC (EINECS)#: 232-293-8

HTS#: 1515.30

Vegan: Yes

Gluten-Free: Yes

Plant Part Used: Seed

Extraction Method: Expeller Pressed

Residual Solvents: None

Ingredient Composition: Ricinus communis (Castor) seed oil: 100%

Natural Status

This product is 100% natural Castor Oil. It does not contain any additives, preservatives or hazardous substances and it is unadulterated with any other oil or foreign matter.

Allergen information of note for this product:

It is a well known fact that castor seeds are toxic and contain a highly poisonous protein, ricin, and a highly allergenic material identified as CB-1A. Neither is carried into the oil but remain in the by-product meal after extraction.

EU Fragrance Allergens:

This product does not contain any of the 26 substances listed in Annex III of the EU Cosmetics Regulation 1223/2009.

Genetically Modified Organisms

This product does not contain Genetically Modified Organisms and it is not derived from biotechnology. Therefore, it is GMO Free and Non-GMO.

Sustainability Practices

Our Supplier is committed to obtaining this raw material in ways that do not negatively impact the environment.

Animal Testing

To the best of our knowledge, no animal testing has been performed, by us or on our behalf, in the development, efficacy testing, safety testing, toxicology testing, or any other testing regarding this product since December 31st, 1990

California Proposition 65 & California Safe Cosmetics Act

This material may contain the following impurities, which are listed on the California Proposition 65 list and/or other authoritative bodies which are enforceable under the California Safe Cosmetics Act of 2005:

Impurity	Identifier (CAS#)	Guaranteed level	Purpose
Arsenic (inorganic)	7440-38-2	<0.1ppm	Natural impurity
Mercury	7439-97-6	<0.1ppm	Natural impurity
Lead	7439-92-1	<0.1ppm	Natural impurity
Cadmium	7440-43-9	<0.1ppm	Natural impurity
Nickel	7440-02-0	<0.1ppm	Natural impurity

We guarantee that this material will not contain these impurities above the specified detection limits. However, trace amounts may be present at lower detection levels.

We guarantee that this material does not contain actionable levels of any other impurities on these lists.

The limits set by these lists are based on daily intake; therefore it is the responsibility of the finished goods manufacturer to comply with these limits when advising dosage levels, as we offer our oils as raw materials, not finished goods.

REACH Status

This product is currently exempt from registration under REACH's Annex V, Entry 9.

Article 2(7)(b) of the Regulation (EC) No 1907/2006 (REACH) and its amendment by Regulation (EC) No 987/2008 of October 8th, 2008, sets out criteria for exempting substances covered by Annex V from the registration, downstream user, and evaluation requirements, as sufficient information is known about these substances that they are considered to cause minimum risk because of their intrinsic properties.

Entry 9 of Annex V lists substances that are obtained from natural sources and are not chemically modified. In particular: Vegetable fats, vegetable oils, vegetable waxes; animal fats, animal oils, animal waxes; fatty acids from C6 to C24 and their potassium, sodium, calcium and magnesium salts; and glycerol.

Foreign Material Contamination

Pesticide & Herbicide Residues:

When previously tested, no reportable levels of pesticide or herbicide residues have been found in this product. We can guarantee the following limits based on reduced testing: Pesticides <2ppm, Herbicides <2ppm

Other Contaminants:

There is no known content of contamination of potentially hazardous components in this product. These components include but are not limited to PAH, Melamine, Petrochemicals, Volatile Organic Compounds (VOC's), ethylene oxide (ETO), Propylene oxide, zearalenone, glycol ethers, and Xenoestrogens (such as Atrazine, BPA, Dioxins, Endosulfan, DDT, PBBs, PCBs, Phthalates, Zeranol, BHA, and Parabens).

Other Regulatory Information

CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora):

This product is not Included on the CITES Appendix.

Conflict Minerals:

This product does not contain any conflict minerals (Tin, Tungsten, Tantalum, Gold).

WADA (World Anti-Doping Agency) Prohibited List:

This product does not contain any substances listed on the prohibited list maintained by WADA.

DSHEA (Dietary Supplement Health and Education Act):

This product was marketed in the United States before October 15, 1994, therefore it is grandfathered under DSHEA.

Nanomaterials:

No nanomaterials were used as ingredients/raw materials in this product.

Irradiation:

This product has not been treated with or exposed to radiation and therefore is non-irradiated.

Sewer Sludge:

This product has not been processed, treated, or exposed to Sewage sludge.

CMR 1,2,3:

This product does not contain any carcinogenic, mutagenic or toxic substance classified as CMR Category 1A, 1B, or 2 by the EU, or substances classified as CMR Category 1, 2A, or 2B by the IARC.