QUALITY AND REGULATORY INFORMATION

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) – 16090
REVISION DATE: February 1, 2017

The following documents comprise the Quality & Regulatory documents that are within our ability to provide, as per normal industry standards. A check on the box indicates that we are able to provide that document or certificate either through internal laboratory testing or through documentation provided by the manufacturer of the product. If more detailed specifications or certifications are required, we regret that it is beyond our scope to provide them. This must be acquired through third party testing facilities or certifying agencies and would be the sole responsibility of the customer.

Manufacturing Process
✓ Chemical Reaction (Conversion of hydrogenated castor oil with ethylene oxide @ increased temperature by use of a suitable catalyst)

Processing Statements
✓ Not Irradiated

Raw Materials
✓ Of vegetable origin (castor oil)
✓ Of mineral oil/natural gas origin
✓ Derived from Non-Genetically Modified Plant Material

By-Products and Impurities
✓ Heavy Metals
✓ Phthalates
✓ Pesticides
✓ Residual Solvent
✓ Aflatoxins/Mycotoxins
✓ Polycyclic Aromatic Hydrocarbons
✓ Glycol Ethers
✓ Residual monomers
✓ Others

Allergens

Food allergens
✓ Food Allergen Statement

Fragrance allergens
✓ IFRA Compliance Statement

Claims
✓ CMR Declaration
✓ Cruelty-Free Statement

Declaration
✓ California Prop 65
✓ Country of Origin

www.newdirectionsaromatics.com   Tel: 1 800 246 7817   Fax: 1 800 246 8207
NON-IRRADIATION STATEMENT

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

We hereby certify that to the best of our knowledge this product has not been irradiated and does not contain any ingredient that has gone through any irradiation.

Disclaimer & Caution
Please refer to the Material Safety Data Sheet (MSDS) and all other relevant technical information specific to the product, prior to use. The user of this product is solely responsible for determining the suitability of the product for their particular use and to be in compliance with all laws and regulations applying to the use of this product. New Directions Aromatics Inc. shall not be held responsible for any damages or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge, wrongful application or the improper handling or use of this product. As the ordinary or otherwise use(s) of this product is outside the control of New Directions Aromatics Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The information on the New Directions Aromatics Inc. website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. The liability of New Directions Aromatics Inc. is limited to the value of the goods and does not include any consequential loss. New Directions Aromatics Inc. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.
NEW DIRECTIONS
AROMATICs

GMO STATEMENT

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

We hereby certify that to the best of our knowledge this product was not produced from or with GMO plant material.

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HEAVY METALS STATEMENT

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This product, when tested, has shown detectible levels of heavy metals in sum (as Pb) to be at maximum 10 ppm.

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PHTHALATE-FREE STATEMENT

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We hereby certify that this product was not produced with phthalates, nor does it contain any.

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PESTICIDE-FREE STATEMENT

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

Based on processing information and raw materials used, pesticides are expected to comply with the concentration limits of the European Pharmacopoeia, Section 2.8.13 “Residue Pesticides”, Table 2.8.13-1.

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SOLVENT-FREE STATEMENT

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Based on processing information and raw materials used, this product does not contain any solvent residue.

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OTHER BY-PRODUCT/IMPURITIES DECLARATION

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

I. Aflatoxins/Mycotoxins

Based on processing information and raw materials used, Aflatoxins/Mycotoxins are expected to conform to the concentration limits of Regulation (EC) 1881/2006 Annex, Section 2.1.5 for the following:

- Aflatoxins B1: maximum 2.0 µg/kg
- Sum of Aflatoxins B1, B2, G1 and G2: maximum 4.0 µg/kg

II. Polycyclic Aromatic Hydrocarbons

Based on processing information and raw materials used, polycyclic aromatic hydrocarbons are expected to conform to concentration limits Regulation (EC) 1881/2006 Annex, Section 6.1.1 for the following:

- Benzo(a)pyrene: maximum 2.0 µg/kg

III. Glycol Ethers

Based on processing information and raw materials used, the following glycol ethers are not likely to be present:

- Butyldiglycol (CAS# 112-34-5)
- Ehtyldiglycol (CAS# 111-90-0)
- 2-Butoxyethanol (CAS# 111-76-2)

IV. Residual Monomers

Based on processing information and raw materials used, the following residual monomers may be present:

- Ethylene oxide: maximum 1 ppm

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OTHER BY-PRODUCT/IMPURITIES DECLARATION (cont’d.)

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

V. Other Impurities

Based on processing information and raw materials used, the following impurities may be present:

- 1,4-dioxane; maximum 10 ppm
- Diethylene glycol (sum of ethylene glycol and diethylene glycol); maximum 0.1 %
- Ethylene glycol; maximum 620 ppm
- Acetic acid; maximum 0.5 %

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FOOD ALLERGEN INFORMATION

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) – 16090

Based on processing information and raw materials used, food allergens as of EU Directive 2000/13 (as amended), Annex IIIa, and Regulation (EU) 1169/2011, Annex II are not likely to be present.

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IFRA COMPLIANCE STATEMENT

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Based on processing information and raw materials used, Fragrance Allergens listed in the EU Regulation 1223/2009 Annex III, N0 67-92 are not likely to be present.

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CMR DECLARATION

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) – 16090

Based on processing information and raw materials used, CMR substances according to Annex VI of the CLP Regulation (EC) 1272/2008, may be present.

- 1,4-dioxane; maximum 10 ppm
- Ethylene oxide; maximum 1 ppm

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CRUELTY-FREE STATEMENT

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We hereby certify that this product has not been tested on animals.
CALIFORNIA PROPOSITION 65 DECLARATION

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) – 16090

Based on processing information and raw materials used, substances listed in The Safe Drinking Water and Toxic Enforcement Act of 1986 (California Proposition 65) are likely to be present.

- 1,4-dioxane; maximum 10 ppm
- Ethylene glycol; maximum 620 ppm
- Ethylene oxide; maximum 1 ppm

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DECLARATION OF COUNTRY OF ORIGIN

PRODUCT NAME: PEG 40 (HYDROGENATED CASTOR OIL) - 16090

We hereby confirm that the country of origin for this product is USA.

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