DISTILLATES, PETROLEUM, HEAVY THERMAL CRACKED, POLYMD, HYDROGENATED

SYNONYMS

N/A

CHEMICAL STRUCTURE

Complex mixture

CHEMICAL FORMULA

Complex mixture

IDENTIFIER DETAILS

CAS Number : 88526-47-0
CoE Number : -
FEMA : -
EINECS Number : -
E Number : -

SPECIFICATIONS

Melting Point: -

Boiling point: >220ºC

Softening point: 110°C (230°F)

STATUS IN FOOD AND DRUG LAWS

CoE limits:

Beverages (mg/kg)	Food (mg/kg)	Exceptions (mg/kg)
-	-	-

Acceptable Daily Intake:

ADI (mg/kg)	ADI Set by	Date Set	Comments
-	-	-	-

FDA Status: [CFR21]

Section Number	Comments
175.105	Adhesives
176.170	Components of paper and paperboard in contact with aqueous and fatty foods (For use only as modifiers in waxpolymer blend coatings for corrugated paperboard intended for use in bulk packaging or raw fruits, raw vegetables, iced meat, iced fish, and iced poultry; and limited to use at a level not to exceed 30 weight-percent of the coating solids).
177.1520	Olefin polymers (For use only as an adjuvant at levels not to exceed 25 percent by weight in blends with polypropylene complying with paragraph (c), item 1.1 of this section. The finished polymer may be used in contact with food Types I, II, IV-B, VI-A through VI-C, VII-B, and VIII identified in table 1 of 176.170(c) of this chapter and under conditions of use B through H described in table 2 of 176.170(c) of this chapter; and with food Types III, IV-A, V, VII-A, and IX identified in table 1 of 176.170(c) of this chapter and under conditions of use D through G described in table 2 of 176.170(c) of this chapter).
177.2600	Rubber articles intended for repeated use.
178.3800	Preservatives for wood.

[FDA website, 2009a]

The CAS number 88526-47-0 is identified in the FDA Food Contact Substance (FCS) database. The database lists effective premarket notifications for food contact substances that have been demonstrated to be safe for their intended use. This CAS number is associated with FCS No's 166, 379 and 482, effective from 2001, 2004 and 2005 respectively.

[FDA website, 2009b]

HUMAN EXPOSURE

Natural Occurrence:

Is formed from the catalytic polymerisation of aromatic substituted olefins from low boiling distillates of cracked petroleum stocks with a boiling point no greater than 220°C (428°F), and the subsequent catalytic reduction of the resulting aromatic petroleum hydrocarbon resin (FDA website, 2009b).

Reported Uses:

Intended uses according to the FDA website (2009a) are as components of polymer blends that are used in the manufacture of food contact materials, films and coatings that consist mainly of ethylene vinyl acetate copolymer as components of pressure-sensitive adhesives (21 CFR 175.125).

REFERENCES

FDA website (2009a). http://www.accessdata.fda.gov/scripts/fcn/fcnNavigation.cfm?rpt=fcsListing&page=7

FDA website (2009b). http://www.fda.gov/downloads/Food/FoodIngredientsPackaging/FoodContactSubstanceFCS/UCM143194.pdf