

# Asia Offerings

P&G Chemicals offers responsibly sourced bio-based products with low to negative carbon footprints. Our 160 years of experience, technical expertise and global network enables us to deliver a portfolio of high-quality bio based products and reliable & resilient supply designed to meet your needs.



#### Fatty Alcohols

Our Asia offerings of Heavy-cut Fatty Alcohols are produced from natural (vegetable-based) feedstocks.

Product	Chemical Name	Kosher	Halal	RSPO MB Available
CO-1698	Cetyl Alcohol (Hexadecanol)	$\checkmark$	$\checkmark$	$\checkmark$
CO-1899	Stearyl Alcohol (Octadecanol)	✓	✓	✓
TA-1618	Cetostearyl Alcohol (Hexadecanol/Octadecanol)	$\checkmark$	$\checkmark$	$\checkmark$

CO-1698, CO-1899, TA-1618 available as liquid or pastilles (25kg or 500kg bags).



#### Methyl Esters

P&G Chemicals produces methyl esters in our Kuantan, Malaysia plant. Our C8 through C18 methyl esters include a variety of broad cuts.

Product	Chemical Name	Kosher	Halal	RSPO MB Available
CE-810	Methyl Caprylate/Caprate (Methyl Octanoate/Decanoate)	$\checkmark$	$\checkmark$	$\checkmark$
CE-1214	Methyl Caprylate Caprate (Methyl Octanoate/Decanoate)	$\checkmark$	✓	$\checkmark$
CE-1618	Methyl Palmitate/Oleate (Methyl Hexadecanoate/Octadecenoate)	$\checkmark$	✓	$\checkmark$
CE-1875	Methyl Palmitate/Oleate (Methyl Hexadecanoate/Octadecenoate)	$\checkmark$	$\checkmark$	✓

CE-810, CE-1214, CE-1618: available in Isotainer or Bulk packaging. CE-1875: available in Flexibag, Isotainer or Bulk packaging.



#### Glycerin

For over 160 years, we have produced high quality glycerin. The offerings from our Kuantan, Malaysia plant include GMP compliant, GFSI certified and BRCGS

Product	Chemical Name	Kosher/ Halal	USP	FCC	EP	RSPO MB Available
Superol® K Glycerin, USP/FCC (For Excipient Use Only)	Glycerin	$\checkmark$	✓	✓		$\checkmark$
Superol® K Glycerin, EP (For Excipient Use Only)	Glycerin	~			✓	~
Superol® K9 Glycerin, USP/FCC (For Pet Food in China)	Glycerin	$\checkmark$	✓	✓		$\checkmark$
Superol® K+ Glycerin, USP/FCC/EP (For Pharma Excipients)	Glycerin	✓	✓	✓	✓	~
Moon K Glycerin, USP/FCC	Glycerin	$\checkmark$	✓	✓		

All Glycerin products available in Drum, IBC, Flexibag, Isotainer packaging.



RSPO MB = Roundtable on Sustainable Palm Oil Mass Balance USP = United States Pharmacopeia · FCC = Food Chemicals Codex EP = European Pharmacopeia

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