Custom Synthesis, LLC

SPECIALTY CHEMICAL MANUFACTURING · ANDERSON, SC

Product Guide

A broad range of high-purity, low-color esters for personal care, cosmetics, lubricants, base stocks, stabilizers, and plasticizers — with custom synthesis to your specification.

ISO 9001:2015 | RSPO CERTIFIED | KOSHER CERTIFIED



01

Plasticizers & personal care

Ester plasticizers for flexible plastics and films, and emollient esters for cosmetic and personal-care formulations.

PLASTICIZERS

PLASTICS & FILMS

C-SYN 2EH Benzoate	2-Ethylhexyl Benzoate
C-SYN Butyl Benzoate	Butyl Benzoate
C-SYN 11878	Butyl Cellosolve Benzoate
C-SYN DBM	Dibutyl Maleate
C-SYN DTDA	Di-Tridecyl Adipate
C-SYN DIOA	Di-Isooctyl Adipate
C-SYN DOA	Di-Octyl Adipate
C-SYN DIDA	Di-Isodecyl Adipate
C-SYN IDB	Iso-Decyl Benzoate
C-SYN DBEEA	Dibutyl Carbitol Adipate
C-SYN DBES	Dibutyl Cellosolve Sebacate
C-SYN D208	Dibutyl Cellosolve Adipate

PERSONAL CARE & COSMETICS

COSMETICS

C-SYN NBS-VPP	Vegetable-Based Butyl Stearate
C-SYN BYM	Butyl Myristate
C-SYN BYM-K	Butyl Myristate Kosher
C-SYN MCT	Caprylate/Caprate Triglyceride
C-SYN MCT Kosher	Caprylate/Caprate Triglyceride Kosher
C-SYN EHS-C	Octyl Stearate
C-SYN Octyl Palmitate	Octyl Palmitate
C-SYN Octyl Stearate	Octyl Stearate
C-SYN 25 Benzoate	C12-14 Benzoate Ester
C'Ester MM	Myristyl Myristate
C'Ester 1215 AB	12-14 Carbon Benzoate
C-SYN Oleyl Oleate	Oleyl Oleate
C-SYN N-Decyl Oleate	N-Decyl Oleate
C-SYN Iso-Butyl Oleate	Iso-Butyl Oleate
C-SYN 2EHL	2-Ethylhexyl Laurate

02

Lubricants & base stocks

Synthetic ester base stocks and lubricant esters — from dimerates and polyol esters to TMP and pentaerythritol esters.

LUBRICANTS & BASE STOCKS — INDUSTRIAL

Many lubricant esters also serve personal-care, metalworking, and coatings applications.

C-SYN NBS	Butyl Stearate
C-SYN KBS	Kosher Butyl Stearate
C-SYN IBS	Iso-Butyl Stearate
C-SYN Butyl Oleate	Butyl Oleate
C-SYN Butyl Palmitate	Butyl Palmitate
C-SYN KBP	Butyl Palmitate Kosher
C-SYN 2156	Caprylate/Caprate Triglyceride
C-SYN 2156 Kosher	Caprylate/Caprate Triglyceride Kosher
C-SYN EHS	2-Ethylhexyl Stearate
C-SYN Fat 9012	Butyl Tallate
C-SYN Flex 164 PT	Butyl Tallate
C-SYN Flex 102	2-EH Dimerate
C-SYN Flex 212	TMP Tri-Isostearate
C-SYN Flex 540	2-EH Neopentyl Dimerate
C-SYN Tridecyl Stearate	Tridecyl Stearate
C-SYN BES	Butoxyethyl Stearate
C-SYN TMP-Trioleate	TMP-Trioleate
C-SYN 2EH-Oleate	2-Ethylhexyl Oleate
C-SYN 2Ehate	2-Ethylhexyl-2-Ethylhexanoate
C-SYN TMP-Tritallate	TMP-Tritallate
C-SYN TMP-Tricocoate	TMP-Tricocoate
C-SYN Ester 3158	Pentaerythritol Tetra C8/C10
C-SYN TMP-12LS	TMP Tricocoate (Low Smoke Point)
C-SYN TMP C810	TMP Tri-Caprate/Caprylate
C-SYN PETO	Pentaerythritol Tetraoleate

03

Surfactants, Phosphates & Sulfates

PEG esters and polyol surfactants, plus phosphate esters, sulfated alcohols, and amides — including custom and Kosher grades.

SURFACTANTS & PEG ESTERS — EMULSIFIERS

C-SYN Ester 1355	Polyol Di-Tallate
C-SYN Ester 2355	Polyol Di-Tallate
C-SYN PEG 400 MO	PEG 400 Mono-Oleate
C-SYN PEG 400 MO-K	PEG 400 Mono-Oleate Kosher
C-SYN PEG 400 DO	PEG 400 Di-Oleate
C-SYN PEG 400 DO-K	PEG 400 Di-Oleate Kosher
C-SYN PEG 600 DC	PEG 600 Di-Cocoate
C-SYN PEG 3DS	Triethylene Glycol Distearate
C-SYN PEG 600DS	PEG 600 Distearate

STABILIZERS & DISPERSANTS — PERFORMANCE

C-SYN Ester 90	Poly-12-Hydroxystearate (12-Hydroxystearic Acid Polymer)
C-SYN D-340	Poly-Ricinoleate

PHOSPHATE ESTERS — ANIONIC

C-SYN EH321	2-Ethylhexyl Acid Phosphate
C-SYN BMS	NP-9 Acid Phosphate

SULFATED ALCOHOLS — SULFAMIC ROUTE

C-SYN 8425	Sodium 2-Ethylhexanol Sulfate (40% active)
C-SYN 344	NP-9 Sulfated Sodium Salt (30% active)
C-SYN 266	Sulfated Sodium Salt (30% active)
C-SYN 436	NP-4 Sulfate Ammonium Salt (60% active)

AMIDES — FATTY AMIDE

C-SYN BASE20	Aminoethylethanolamine

Don’t see your ester? **If it can be esterified, we can likely make it.** Talk to us about custom synthesis, private grades, and Kosher equivalents.

Custom Synthesis, LLC

Let’s make your next batch.

Web	CustomSynthesis.net
Phone	(864) 261-8146
Toll Free	1-800-768-3246
Fax	(864) 261-9210

PLANT & OFFICE
1704 Denver Road
Anderson, SC 29625

MAILING
P.O. Box 5254
Anderson, SC 29623