



ACME-HARDESTY

PRODUCT LIST



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Decades of Quality Products & Services



ACME-HARDESTY
A division of
JACOB STERN & SONS, INC.
-SINCE 1857-

BACKGROUND:

Acme-Hardesty has been in business for more than 70 years. Since 1942, we have been supplying oleochemicals, castor oil and derivatives, preservatives and market-focused products. We are one of the largest importers, marketers and value-added resellers of oleochemicals and castor oil products in the United States. In 1980, Acme-Hardesty pioneered the Green Revolution by importing and reselling bulk and packaged palm-based oleochemicals from Malaysia and Indonesia. Our global supply partners are world-class companies who manufacture quality products based on sustainable and naturally sourced feedstocks.

Acme-Hardesty continues to add new products to service our key markets. We focus our sourcing efforts on green, natural, bio-based, renewable, sustainable and RSPO MB products to meet our customers' needs. Our customers range from small LTL companies to Fortune 100 multi-nationals.

Our parent company, Jacob Stern & Sons, Inc., has been in business for nearly 160 years and continues to be managed by descendants of the founding family. Jacob Stern & Sons is one of the largest processors, marketers and exporters of tallow in the world.

Acme-Hardesty has a long history of providing superior service to our customers.

Key Markets Served:

- Animal Feed
- CASE
- Cosmetics
- Flavor & Fragrance
- Food & Beverage
- Green, Natural, Sustainable
- Lubricants & Greases
- Metal Working Fluids
- Oil & Gas
- Personal Care
- Pet Care
- Pharmaceutical & Nutraceutical
- Plastics & Rubber
- Polyurethane
- Soaps & Detergents
- Textiles
- Waxes

Key Products:

Fatty Acids (Vegetable & Tallow):

Caprylic, Capric, Lauric, Myristic, Palmitic, Stearic, Oleic, Coconut Fatty Acid, Behenic Acid
Azelaic Acid, (New)
Pelargonic Acid (New)
Isostearic Acid (New)

Glycerine 99.7% USP Kosher

AHCOHOLS® Fatty Alcohols:

Octyl (0898), Decyl (1098), Lauryl (1299), Lauryl-Myristyl (1216), Myristyl (1498), Cetyl (1698), Cetearyl (1618), Stearyl (1898)

Castor Oil & Derivatives:

12 Hydroxy Stearic Acid, Methyl 12 Hydroxy Stearate, Castor Wax, Hydrogenated Castor Oil, Dried Castor Oil, Ricinoleic Acid, Sebacic Acid, 2-Octanol, AcmeWax

Ethylen Bis Stearamide (EBS)

Palm Methyl Esters:

Methyl Laurate (1214), Methyl Laurate Stearate (1218), Methyl Palmitate-Stearate (1618), Methyl Oleate (1898)

Esters:

Isopropyl Myristate, Isopropyl Palmitate, Butyl Stearate, MCT, Triacetin
Specialty Esters for Personal Care/Cosmetics & Lubes & Metalworking (New)

Polyurethane Products:

Natural Oil Polyols (NOP)
Amine Catalysts
Bio Based PEGS

Metallic Stearates:

Aluminum, Calcium, Magnesium, Zinc

Preservatives:

Parabens; Phenoxyethanol, DMDMH; Paraben Free, Formaldehyde Free and Halogen Free Blends;
Biomix & Biosec Natural Preservatives
SharoSENSE (Natural-Like)

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Acme-Hardesty

450 Sentry Parkway, Blue Bell, PA 19422
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ACME-HARDESTY PRODUCT LIST: OLEOCHEMICALS

Oleic Acid (Vegetable & Tallow)

Oleic Acid 100 (Tallow Based)
Oleic Acid 105 (Tallow Based)
Oleic Acid 120 (Tallow Based)
Oleic Acid FGK (Palm Based) (MB)

Stearic Acid (Vegetable & Tallow)

Stearic Acid 50 NF Powder (MB)
Stearic Acid 55%, 65%, 70%, 90% (MB)
Rubber Grade Stearic Acid (RGSA) (MB)
Triple Pressed Stearic Acid (TPSA) (MB)

Fractionated Fatty Acids

Caprylic Acid (C8) (MB)
Capric Acid (C10) (MB)
Caprylic/Capric Acid (C810) (MB)
Lauric Acid (C12) (MB)
Myristic Acid (C14) (MB)
Palmitic Acid (C16) (MB)
Stearic Acid (C18) (MB)
Behenic Acid 85% (C22)**
** Inquire for Availability
(MB) Available as RSPO Mass Balance

Specialty Fatty Acids

Azelaic Acid (Matrixol LA001M) (New)
Pelargonic Acid (Matrixol IP001M) (New)
Isostearic Acid

Distilled Fatty Acids

Coconut Fatty Acid (MB)
Palm Kernel Fatty Acid (MB)
Tallow Fatty Acid

Hydrogenated Fatty Acids

Hydrogenated Tallow Fatty Acid (HTFA)

Hydrogenated Glyceride

Hydrogenated Lard Glyceride
Hydrogenated Soybean Glyceride
Hydrogenated Tallow Glyceride

Glycerine

Glycerine 99.7% USP & Kosher* (MB)
Glycerine 99.7% USP & Kosher (Biodiesel)
*Ask us for our complete list of certifications
*FPA-SAFE Supplier for Fatty Acids & Glycerine
(MB) Available as RSPO Mass Balance

AHCOHOL® Fatty Alcohols (MB)

AHCOHOL 0898 (Octyl Alcohol)**
AHCOHOL 0810 (Octyl Decyl Alcohol)**
AHCOHOL 1098 (Decyl Alcohol)**
AHCOHOL 1299 (Lauryl Alcohol)
AHCOHOL 1216 (Lauryl/Myristyl Alcohol)
AHCOHOL 1498 (Myristyl Alcohol NF)**
AHCOHOL 1698 (Cetyl Alcohol NF)
AHCOHOL 1618 (Cetyl Stearyl/Cetearyl Alcohol)
AHCOHOL 1898 (Stearyl Alcohol NF)
** Inquire for Availability
(MB) Available as RSPO Mass Balance

Fractionated Palm Methyl Esters (MB)

PME 1214 (Methyl Laurate Myristate)**
PME 1218 (Methyl Laurate Stearate)**
PME 1298 (Methyl Laurate)
PME 1618 (Methyl Palmitate-Stearate - DPK)**
PME 1618 (Methyl Palmitate Oleate)**
PME 1698 (Methyl Palmitate)**
PME 1898 (Methyl Oleate - PK)**
** Inquire for Availability

Available Grades:

DPK: Distilled Palm Kernel
PS: Palm Sterine

(MB) Available as RSPO Mass Balance

The palm oil and PKO-based products are available as RSPO Mass Balance.



Specific products are available in Food Grade, USP, NF, Halal and Kosher-Certified Grades
Our Palm-Based Oleochemicals & Glycerine are RSPO MB, Non GMO and FPA SAFE

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Ask about our new USDA BioPreferred Products

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CASTOR OIL PRODUCTS & POLYURETHANE ADDITIVES

Castor Oil & Derivatives

#1 Castor Oil
 12-Hydroxy Stearic Acid (12-HSA)
 AcmeWax 225 (12-HSA Ester)
 AcmeWax 224 (Ricinoleic Acid Ester)
 AcmeWax TGA (12-HSA Ester)
 Methyl 12 Hydroxy Stearate
 Dehydrated Castor Oil
 Dehydrated Castor Oil Fatty Acid
 Deodorized Castor Oil
 Dried Castor Oil (SD & SD Low AV)
 Hydrogenated Castor Oil (HCO)
 Neutralized Castor Oil (Low AV)
 Pale Pressed Castor Oil (PPCO)
 Ricinoleic Acid
 USP Castor Oil

Castor Wax – Stick Grade

70 Degree Melt Point (MP 70)
 80 Degree Melt Point (MP 80)
 90 Degree Melt Point (MP 90) (HCO)

Sebacic Acid & Derivatives

Sebacic Acid
 Dibutyl Sebacate (DBS)**
 Dioctyl Sebacate (DOS)**
 2-Octanol
 2-Octanone

** Inquire for Availability

Natural Oil Polyols (NEW)

VerOH Prime
 VerOH Free
 VerOH Lite
 VerOH Plus
 VerOH Pure
 EcOH X (Antioxidant Blend)**
 EcOH XV (Visco Foam Blend)**
 PolyGreen F6037 (New)
 PolyGreen F7020 (New)

** Inquire for Availability

FENTACAT Polyurethane Amine Catalyst (Solvay)** (New)

Traditional Catalysts
 FENTACAT 5 (R/F) – PMDETA
 FENTACAT 8 (R) – DMCHA
 FENTACAT B12 (R) – BDMA
 FENTACAT D89 (R/F) – DMEA
 FENTACAT F33 (R/F) – 33% TEDA
 FENTACAT F99 (R/F) – 99% BDMAEE
 FENTACAT F1 (R/F) – 70% BDMAEE
 FENTACAT 50 (F)
 Low Emissive Catalysts
 FENTACAT 11 (R/F) – DPA
 FENTACAT 14 (R/F) – TMAEEA
 FENTACAT 15 (R) – bis DMAPA
 FENTACAT 9 (R/F) – tris DMAPA
 FENTACAT 13 (F) – DMAEE
 FENTACAT 10 (R/F)
 Trimerization Catalysts
 FENTACAT 41 (R) – DMAPA Triazine
 FENTACAT M-2 (R)

R = Rigid

F = Flexible

** Inquire for Availability

Bio-Based Polyethylene Glycols** (New)

PEG 200.....(PEG-4)
 PEG 300.....(PEG-6)
 PEG 400.....(PEG-8)
 PEG 600.....(PEG-12)
 PEG 1000.....(PEG-20)
 PEG 1500.....(PEG-32)
 PEG 3350.....(PEG-75)
 PEG 4000.....(PEG-90)
 PEG 6000.....(PEG-1500)

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PERFORMANCE ADDITIVES / LUBES, GREASE, METAL WORKING FLUIDS / INDUSTRIAL

Temix Oleo Specialty Esters**

TMP TO (Trimethylol Propane Esters)

- Temest H65V
- Temest H65S

2 Ethylhexyl Palmitate

- Temest 2 EHP

2 Ethylhexyl Oleate

- Temest J65

PT TO (Pentaerythrityl Esters)

- Temest G65
- Temest 6505

GTO (Glyceryl Trioleate)

- Temest N85

Adipate esters

- Temest L05
- Temest M05

Trimellitate Esters

- Temest J100
- Glylub 23
- Glylub 33
- Glylub 13
- Glylub 43

** Inquire for Availability

Visit [TemixOleo](http://www.temixoleo.com)

(http://www.temixoleo.com/esters_lub_ww.html)

to see the Full Ester product Line.

Metallic Stearates (Vegetable & Tallow)

Aluminum Stearate
Calcium Stearate
Magnesium Stearate
Zinc Stearate

Kosher and USP/NF grades available

Jenkinol® Plastic Additives & Lubricants

Jenkinol L 230
Jenkinol 680 ESO (Epoxidized Soybean Oil)

EBS – Ethylene Bis Stearamide (Palm Based)

EBS SF (Super Fine)
EBS SP (Powder)
EBS Beads
EBS Prill (Tallow)

Miscellaneous

Epoxidized Soybean Oil (ESO)
Azelaic Acid (Matrixol LA001M) (New)
Pelargonic Acid (Matrixol IP001M) (New)
Sebacic Acid & Derivatives
Isostearic Acid

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PERSONAL CARE/COSMETICS

Preservatives (Sharon Laboratories)

Butyl Paraben
Ethyl Paraben
Methyl Paraben
Propyl Paraben
Sodium Methyl Paraben
DMDMH
Phenoxyethanol
Phenochem® (Phenonip®)
Sharomix 824 (no Butyl Parabens)

Sharomix;

(Broad Spectrum & Focused Protection Systems)

Sharomix MCI II (Kathon CG®)
Sharomix DMP & DMP II (Germaben®)
Sharomix EG-14 (Euxyl PE-9010®)**

** Inquire for Availability

Sharomix

Organic Acid Blends (700 Series)

(Paraben-free, Formaldehyde-free & Halogen-free blends)**

** Inquire for Availability

Sharomix; Advanced Line

Innovative Blends

Non-pH dependent blends incorporating Caprylic Glycol, 1,2-Hexanediol and Chlorphenesin

SharoMax;

The "Free of" Preservative Line

(Phenoxyethanol-Free, Globally Acceptable)

SharoSENSE; (New)

Natural-Like Solutions
Broad Spectrum / Non-pH Dependent Natural Preservatives

Sharon Biomix & Biosecur

("All natural" broad spectrum preservatives based on organic citrus extracts)

Contact us for our Innovative Preservative Solutions to meet your formulation needs. Visit Sharon Labs website for full offerings:
<http://www.sharonlabs.com/en/Products>

Surfactants

Cocoamidopropyl Amine Oxide**
Cocoamidopropyl Betaine (CAPB)
Disodium Laureth Sulfosuccinate**
Disodium Lauryl Sulfosuccinate**
Lauryl Alcohol Ethoxylates (2, 3 & 4 Mole)
Lauryl Amine Oxide (LAO)
Sodium Coco Sulfate (SCS) 95%
Sodium Lauryl Ether Sulfate (SLES) 70%***
Sodium Lauryl Sulfate (SLS) 28% Solution
Sodium Lauryl Sulfate (SLS) 90% Needles
Sodium Lauryl Sulfate (SLS) 95% Needles
Sodium Lauryl Sulfate (SLS) 95% Granular NF
Surfactants (Inquire about other products)

** Inquire for Availability

*** Low 1, 4 Dioxane (<13 ppm)

Esters (Specialty) (KLK Oleo)

Butyl Stearate
IPM (Isopropyl Myristate)
IPO (Isopropyl Oleate)**
IPP (Isopropyl Palmitate)
MCT (Medium Chain Triglyceride)
Octyl Palmitate (2-Ethyl Hexyl Palmitate)
2-Ethyl Hexyl Stearate**

** Inquire for Availability

Temix Oleo Specialty Esters** (New)

Temest ALB; (C12 15 Alkyl Benzoate)
Temest 2 EHS; (Ethylhexyl Stearate)
Temest 2 EHC; (Ethylhexyl Cocoate)
Temest 2 EHP; (Ethylhexyl Palmitate)
Temest 99; (Isononyl Isononanoate)
Temest DO; (Decyl Oleate)
Temest CTN; (Cetearyl Isononanoate)
Temest CTE; (Cetearyl Ethylhexanoate)
Temest 810; (Caprylic/Capric Triglyceride)

** Inquire for Availability

Visit TemixOleo http://www.temixoleo.com/esters_cos_ww.html to see the Full Ester product Line.

Miscellaneous

Ecomyx® (Natural replacement for plastic beads)



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ACME-HARDESTY ONLINE STORE SKU CODES AND PRICING | 1-20-16

Product Name	SKU Name	Dflt Brand	Price in Store	Price in AX (per lb)
2 Hydroxy Stearic Acid	12 Hydroxy Stearic Acid, Standard, Flakes, 50# Bag	Acme	\$176.00	\$3.52
Coconut Fatty Acid	Coconut Fatty Acid, 745 FGK, Liquid, 400# Drum		\$726.00	\$1.82
Coconut Fatty Acid	Coconut Fatty Acid, 745 FGK, Liquid, 5 Gal Pail		\$100.00	\$2.90
Glycerine	Glycerine, USP 99.7% Kosher, Liquid, 551.15# Drum		\$686.18	\$1.25
Glycerine	Glycerine, USP 99.7% Kosher, Liquid, 5 Gal Pail		\$100.00	\$2.85
Glycerine	Glycerine, USP 99.7% Kosher, Liquid, 1 Gal Pail		\$40.00	\$1.99
Hydrogenated Castor Oil	Hydrogenated Castor Oil, Standard, Flakes, 50# Bag	Acme	\$168.00	\$3.36
Lauric Acid	Lauric Acid, 99% FGK, Flakes, 50# Bag	Acme	\$129.00	\$2.58
MCT	MCT 3595, Kosher, Liquid, 5 Gal Pail	Vendor	\$200.00	\$4.99
MCT	MCT 3595, Kosher, Liquid, 418.874# Drum	Vendor	\$1,495.00	\$3.57
Methyl Paraben	Methyl Paraben, NF USP, Fine Powder, 55.115# Carton		\$270.00	\$4.89
Myristic Acid	Myristic Acid, 98% FGK, Flakes, 50# Bag	Acme	\$195.00	\$3.90
No. 1 Castor Oil	No. 1 Castor Oil, Standard, Liquid, 440.92# Drum	Acme	\$952.39	\$2.16
No. 1 Castor Oil	No. 1 Castor Oil, Standard, Liquid, 5 Gal Pail	Acme	\$125.00	\$3.12
Oleic Acid	Oleic Acid, FGK, Liquid, 396.828# Drum	Vendor	\$827.39	\$2.09
Oleic Acid	Oleic Acid, FGK, Liquid, 5 Gal Pail	Vendor	\$125.00	\$3.38
Palmitic Acid	Palmitic Acid, 98% FGK, Flakes, 50# Bag	Vendor	\$124.00	\$2.48
PEG	PEG 200, Liquid, 1 Gal Can	Acme	\$40.00	\$4.27
PEG	PEG 200, Liquid, 5 Gal Can	Acme	\$150.00	\$3.18
PEG	PEG 400, Liquid, 1 Gal Can	Acme	\$40.00	\$4.27
PEG	PEG 400, Liquid, 5 Gal Can	Acme	\$150.00	\$3.18
PEG	PEG 600, Liquid, 1 Gal Can	Acme	\$40.00	\$4.27
PEG	PEG 600, Liquid, 5 Gal Can	Acme	\$150.00	\$3.18
Stearic Acid	Stearic Acid, 90% FGK, Flakes, 50# Bag	Vendor	\$142.00	\$2.84
Stearic Acid	Stearic Acid, 70% FGK, Flakes, 50# Bag	Vendor	\$131.00	\$2.62
Triple Pressed Stearic Acid	Triple Pressed Stearic Acid, FGK Flakes, 50# bag	Acme	\$123.00	\$2.46

The palm oil and PKO-based products are available as RSPO Mass Balance. Inquire for pricing.

{ Prices are subject to change without advance notice.