Acme-Hardesty
Product Portfolio
Who We Are

At Acme-Hardesty, our word is our bond. We prioritize sustainability in the bio-based chemical sourcing industry and provide renewable, sustainable alternatives for manufacturers. With a 75-year history of innovation and growth, Acme-Hardesty has evolved into one of the largest distributors of bio-based products and specialty ingredients in the chemical industry.

Sustainability has been a key focus for Acme-Hardesty since the beginning. Renewable, sustainable products make sense for our business and our planet, and we focus our sourcing efforts on bio-based ingredients. We offer a wide range of products that deliver higher performance and bring value to our customers. We pride ourselves on our ability to work alongside our customers to develop creative solutions to their formulation challenges.

As part of Jacob Stern & Sons, Inc., Acme-Hardesty is proud to share a long history of honesty and dependability. Jacob Stern & Sons Inc. is a privately-owned importer, exporter, processor and distributor of tallow and other specialty agricultural products.

Acme-Hardesty provides quality ingredients, industry experience, security of supply and technical knowledge to enable our customers to meet the demands of their rapidly changing markets.

Key Markets Served

- Animal Feed
- CASE
- Cosmetics
- Flavor & Fragrance
- Food & Beverage
- Green, Natural, Sustainable
- Household, Industrial, & Institutional Cleaners
- Lubricants & Grease
- Metal Working Fluids
- Oil & Gas
- Personal Care
- Pet Care
- Pharmaceutical & Nutraceutical
- Plastics & Rubber
- Polyurethanes
- Textiles
- Waxes
Oleochemicals

**Fatty Acids (Vegetable & Tallow)**
- Azelaic Acid
- Behenic Acid
- Caprylic Acid
- Capric Acid
- Caprylic/Capric Acid
- Coconut Fatty Acid
- Hydrogenated Tallow Fatty Acid
- Isostearic Acid
- Lauric Acid
- Myristic Acid
- Oleic Acid
- Palm Kernel Fatty Acid
- Palmitic Acid
- Pelargonic Acid
- Rubber Grade Stearic Acid
- Sebacic Acid
- Stearic Acid
- Tallow Fatty Acid

**Fatty Alcohols (AHCOKOL®)**
- Octyl Alcohol
- Octyl Decyl Alcohol
- Decyl Alcohol
- Lauryl Alcohol
- Lauryl/Myristyl Alcohol
- Myristyl Alcohol NF
- Cetyl Alcohol NF
- Cetyl Stearyl/Cetearyl Alcohol
- Stearyl Alcohol NF

**Fractionated Palm Methyl Esters**
- Methyl Laurate Myristate
- Methyl Laurate Stearate
- Methyl Laurate
- Methyl Palmitate-Stearate
- Methyl Palmitate Oleate
- Methyl Palmitate
- Methyl Oleate

**Hydrogenated Glyceride**
- Hydrogenated Lard Glyceride
- Hydrogenated Soybean Glyceride
- Hydrogenated Tallow Glyceride

**Glycerine**
- Glycerine 99.7% USP & Kosher (MB)
- Glycerine 99.7% USP & Kosher (Biodiesel)

The palm oil and PKO-based products are available as RSPO Mass Balance
Check our progress at www.rspo.org
# 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
- Ricinoleic 100 (Stabilized Ricinoleic Acid)

## Natural Oil Polyols
- VerOH Prime
- VerOH Free
- VerOH Lite
- VerOH Plus
- BioFlex V160
- PolyGreen F6037
- PolyGreen F7020

## Castor-Based Polyols
- EcOH 250
- EcOH 280
- EcOH 305
- EcOH 360
- EcOH 400
- EcOH 500

## Recycled Polyols
- EcOH 350R

## Sebacic Acid & Derivatives
- Sebacic Acid
- Dibutyl Sebacate (DBS)
- Dioctyl Sebacate (DOS)
- 2-Octanol
- 2-Octanone

## Bio-Based Polyethylene Glycols
- PEG 200 (PEG-4)
- PEG 300 (PEG-6)
- PEG 400 (PEG-8)
- PEG 600 (PEG12)
- PEG 1000 (PEG-20)
- PEG 1500 (PEG-32)
- PEG 3350 (PEG-75)
- PEG 4000 (PEG-90)
- PEG 6000 (PEG-1500)

## Amine Catalysts (Traditional)
- Fentacat 5 (R/F) - PMDETA
- Fentacat 8 (R) - DMCHA
- Fentacat 50 (F)
- 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

## Amine Catalysts—Low Emissive
- Fentacat 9 (R/F) - tris DMAPA
- Fentacat 11 (R/F) - DPA
- Fentacat 15 (R) - bis DMAPA
- Fentacat TMAEEA (R/F) - TMAEEA
- Fentacat DMAEE (F) - DMAEE
- Fentacat 100LE—70% BDMAEE

## Amine Catalysts—Trimerization
- Fentacat 41 (R) - DMAPA Triazine
- Fentacat M-2 (R)

## Additives
- EcoThix Rheology Modifier
- Ethylene Bis Stearamide (EBS)
- Metallic Stearates
- Triacetin
- Epoxidized Soybean Oil (ESO)
Performance Additives

Specialty Esters (Temix)

- Trimethylol Propane Esters (TMP TO)
  - Temest H65V
  - Temest H65S

- 2 Ethylhexyl Palmitate
  - Temest EHP

- 2 Ethylhexyl Oleate
  - Temest J65

Pentaerythritol Esters (PT TO)

- Temest G65
- Temest 6505

- Glyceryl Trioleate
  - Temest N85

- Adipate Esters
  - Temest L05
  - Temest M05

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

Plastic Additives & Lubricants (Jenkinol ®)

- Jenkinol L 230 (TPSA)
- Jenkinol 680 (ESO)

Ethylene Bis Stearamide (Palm Based)

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

Metallic Stearates

- Aluminum Stearate
- Calcium Stearate
- Magnesium Stearate
- Zinc Stearate

Additional Ingredients

- Epoxidized Soybean Oil (ESO)
- Azelaic Acid (Matrilox LA001M)
- Pelargonic Acid (Matrilox IP001M)
- Sebacic Acid & Derivatives
- Isostearic Acid
- Bio-based N-butanol
Personal Care / Cosmetics

Preservatives (Sharon Laboratories)

- Butyl Paraben
- Ethyl Paraben
- Methyl Paraben
- Propyl Paraben
- Sodium Methyl Paraben
- DMMDHM
- Phenoxethanol
- Sharomix Line
  - Broad Spectrum & Focused Protection Systems
- Sharomax Line
  - The “Free Of” Preservative Line
- Sharomix Amplify Line
  - New Preservative Solution with Amplified Efficacy
- Organic Acid Blends
  - Paraben-Free, Formaldehyde-Free & Halogen-Free Blends
- SharoSENSE Line
  - Natural-Like Solutions
- Sharon Biomix & Biosecur
  - “All Natural” Broad Spectrum Preservatives

Surfactants

- AOS (High Active)
- AOS Solution
- Cocamide MEA (CMEA)
- Cocamidopropyl Betaine (CAPB)
- Lauryl Alcohol Ethoxylates
- Lauryl Amine Oxide
- Sodium Coco Sulfate
- Sodium Lauryl Ether Sulfate
- Sodium Lauryl Sulfate

Specialty Esters

- 2-Ethylhexyl Palmitate
- Alkyl Benzoate
- Butyl Stearate
- Capryl/Capric Triglyceride (MCT)
- Cetearyl Ethylhexanotate
- Cetearyl Isononanoate
- Cetyl Palmitate
- Decyl Oleate
- Ethylhexyl Cocoate
- Ethylhexyl Palmitate
- Ethylhexyl Stearate
- Isononyl Isononanoate
- Isopropyl Myristate (IPM)
- Isopropyl Palmitate (IPP)

Metallic Stearates

- Aluminum Stearate
- Calcium Stearate
- Magnesium Stearate
- Zinc Stearate

Specialty Ingredients

- Jamaican Black Castor Oil
- Ecomyx 1640
- Ecomyx 40100
- Safflower Oleosomes (Botaneco)
  - Hydresia
  - Capsol
  - Karmyn