



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



bio-based



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

Hydrogenated Glyceride

Hydrogenated Lard Glyceride
Hydrogenated Soybean Glyceride
Hydrogenated Tallow Glyceride

Fatty Alcohols (ALCOHOL®)

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

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

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

Castor-Based Polyols

EcOH 250
EcOH 280
EcOH 305
EcOH 360
EcOH 400
EcOH 500

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

Castor Wax—Stick Grade

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

Recycled Polyols

EcOH 350R

Amine Catalysts—Trimerization

Fentacat 41 (R) - DMAPA Triazine
Fentacat M-2 (R)

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)

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

Pentaerythrityl 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
- DMDMH
- Phenoxyethanol
- 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

Metallic Stearates

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

Surfactants

- AOS (High Active)
- AOS Solution
- Cocamide MEA (CMEA)
- Cocamidopropyl Betatine (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
- Caprylic/Capric Triglyceride (MCT)
- Cetearyl Ethylhexanolate
- Cetearyl Isononanoate
- Cetyl Palmitate
- Decyl Oleate
- Ethylhexyl Cocoate
- Ethylhexyl Palmitate
- Ethylhexyl Stearate
- Isononyl Isononanoate
- Isopropyl Myristate (IPM)
- Isopropyl Palmitate (IPP)

Specialty Ingredients

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