

WARM WELCOME

SOCMA
2024



POLYRHEO GROUP OF COMPANIES

Your Natural Chemical Partner !



Vision

- To be the world's most dynamic technology company, creating and bridging sustainable solutions, essential to a better, safer, healthier life for people everywhere.

Goals

- Satisfy Customer needs on an ongoing & long term basis.

Mission

- Long-term Relationships built on Fairness & Trust.

- 
- ✓ WHO ARE WE & WHAT DO WE DO
 - ✓ North American Chemical Manufacturing and Technical Sales Organization,
 - ✓ Global manufacturing base – USA, Canada - - also India & China
 - ✓ Manufactures and Markets Specialty Chemicals / Raw Materials, Blends, Intermediates and Finished Products
 - ✓ Global trading in chemicals



POLYRHEO GROUP

Polyrheo Clean Energies

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Est, QC J0E 1G0

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Fax: 514 696 5933

sales@polyrheo.com

Sentinel Lubricants

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Cowansville, QC J2K 3G6

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Polyrheo

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Canada, H9R 4R7

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Fax: +1 514 696 5933

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Formula A

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H9X 3R8

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sales@polyrheo.com

Polyrheo USA Inc (dba - Neatsfoot Oil Refineries & Advance Technologies)

2925 E Ontario Street
Philadelphia, PA

Tel 215 739 1291

sales@neatsfootoil.com

Selectone Paints

30 Gail Grove, Toronto, ON
M9M 1M4

Tel :(416) 742-8881,

Fax: 416-745-4975

info@selectonepaints.ca

Newell Polymers

7743, Ohio River Blvd, New
Cumberland, West Virginia
USA

www.newellpolymers.com

Our Facilities



Polyrheo Pointe
Claire



Polyrheo
Baie Durfe



Polyrheo Clean Energies
Sherbrooke

Our Facilities

Sentinel
Lubricants,
Cowansville



Selectone Paints
Toronto

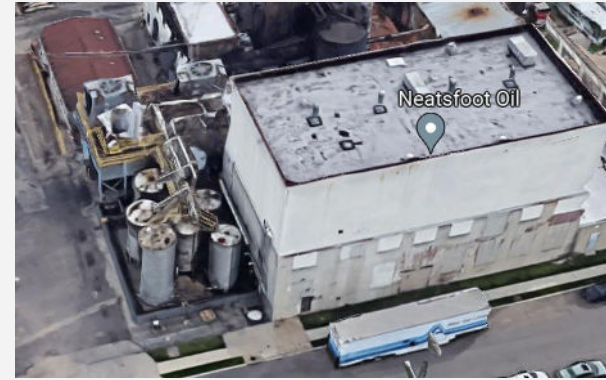


Our Facilities



Newell Polymers
7743, Ohio River Boulevard,
New Cumberland, WV 26047

Neatsfoot Oil Refineries,
2925 E Ontario str,
Philadelphia, PA 19134, USA



Capabilities

Corporate Offices	: Philadelphia & Montreal
Sales Offices	: Philadelphia, Montreal and Toronto
Laboratory	: Philadelphia, Montreal, Toronto, WV
Manufacturing	: Montreal (3 Sites), Philadelphia, WV
Toronto Site	: Toronto (2 Site)
Philadelphia Site	: Plants, lab etc (1 Site)
West Virginia site	: 15 acres , plant, reactors, lab, etc
Distribution Centres	: US & Canada (9 Sites)

-
- ✓ Over 300,000 + Sq ft manufacturing & distribution facility with 10 sites
 - ✓ 100,000 L/day production capacity for various chemical products
 - ✓ 100,000 units / filling /day
 - ✓ 5,000 gallons paint / day (Toronto)
 - ✓ Employee Strength-200



POLYRHEO

- Manufacturing & distribution of Speciality chemicals / raw materials for Surfactants & Oleochemicals & General Industrial Chemicals, esp for Paints & Coatings, Soaps & Detergents, Cosmetics, Lubricants, Constructions, Personal care,
- H I & I , cleaning, Paints, Plastics, etc
- Stocking & Distribution across USA & Canada of raw materials. Just in time planning,
- Also, International distribution of chemical raw materials used in paints, plastics, lubricants, personal care, cleaning, etc.
- B2B – Business to Business sales.
- We now operate out of 8 sites in North America , also partnership in India & China for various raw materials

Philadelphia Site – Since 1858

Polyrheo USA / Neatsfoot Oil Refineries / Advance Technologies

Esters / Surfactants production plant

**- two Hot Oil reactors, 6000 USG & 3000 USG with let down tank
– 6000 USG, filtration , vacuum distillation.**

Multiple storage tanks, heated , MS & SS tanks

- Manufacturing of Lubricant Esters, Specialty esters, Animal & Veg Oil Refining , etc.**
- Animal Oil refining / lard oils – over 150 years**
- Used in lubricants, Metal working applications etc**
- Main Clients include – US Lubricant Manufactures , Personal care manufacturers, Metal Working fluids producers etc.**
- Competitive advantage – Made in USA, Neatsfoot oil Brand, One of Oldest running corporation in Philadelphia.**

West Virginia Site

Newell Polymers, Former Deltech resins plant.

**Centrally located in the chemical belt , 45 mts west of Pittsburg,
In New Cumberland, Ohio River Blvd.**

15 acre site, with lots of capacity yet to install & on ground .

**Manufacturing Capabilities – Alkyd resin, Solution acrylics, speciality
chemicals , Quats, Amides, Agri raw materials, etc**

Formerly an EPA approved site for pesticide manufacturing

West Virginia Site

**- Four Hot Oil reactors, 12,000 USG, 2 x 2500 usg, 1 x 1800 usg
let down tanks – 4 x 6000 USG, 4 x 6000 USG in installation
filtration , vacuum distillation.**

Multiple storage tanks, heated , MS & SS tanks

Solution acrylics – 5000 USG

Speciality chemical reactor capacity – 2 x 3000 USG ,

Low Temp reactions, reactors @ 100 deg C

Dryer

Full fledged Scientific lab

Selectone Paints – Toronto

**Paint factory – Toronto, Canada - Architectural coatings –
sold USA & Canada**

Paint production capacity 10,000 USG per day

**Solvent based & water based paints. Architectural &
Industrial paints**

Selectone Paints – Toronto – Since 1913

High Speed Dispersers – 3 ,

Vertical sand mills – 5 ,

Multiple let down tanks – 5000 USG each

Bulk solvent tanks

Filling lines for Pints, Quarts, Gallons & Pails & Drums

Tolling capacity available – for pigment grinding, solvent blending, chemical blending, Paints etc

POLYRHEO – MONTREAL SITES

- **Baie D Urfe – Montreal island**
- **Surfactant & chemical blending Plant**
- **20,000 sq ft – bulk tanks , Mixing, filling lines**
- **Reaction temperature 80 deg C**
- **5000 USG per day**

- **Pointe Claire – Montreal island**
- **Warehousing / distribution – 50,000 sq ft**

SENTINEL LUBRICANTS

- Cowansville, Quebec – 1 hour east of Montreal, 30 mts from USA Border
- Mil Spec Lubricants , Engine Oils, Greases, Hydraulic fluids, Brake Fluids - manufacturing , etc
- Railway / aerospace cleaning products
- Mixing tanks, Reactors,
- 10,000 USG per day capacity – can do bulk & packaged products
- Reaction temperature – 150 Deg C
- Laboratory – full fledged, qualified chemists,
- Mil Spec / Lubricant / White Room & Mil spec product testing facility
- Main Clients include – Global Military -NATO Alliance, USA & Canadian Military, etc

POLYRHEO – BOLTON, QUEBEC

- Bolton , Quebec – 2 hour east of Montreal, 15 mts from USA Border
- Manufacturing of Fire side additives, chemicals, for a cleaner environment, Tolling / packing.
- Main Clients include – Pulp & paper mills
- Pesticide Production capacity
- Mixing tanks, etc
- Liquid & powder blending facility
- 5,000 USG per day capacity – can do bulk & packaged products

How we achieve it



Experienced Sales Team



Strategic products



24/7 Technical Support



Licensing formulations and Technology



Identify people/ organisation who have market strengths and work with them globally

ISO CERTIFIED



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ISO CERTIFIED

Member



A Glance through Our Products ...



- 
- ✓ VARIOUS CHEMICALS – RAW MATERIALS & BLENDS
 - ✓ SURFACTANTS
 - ✓ OLEOCHEMICALS
 - ✓ PIGMENTS
 - ✓ PLASTICISERS
 - ✓ PRESERVATIVES
 - ✓ + Retail Products



- 
- ✓ Cosmetics, Personal Care, Laundry & Fabric Care
 - ✓ Home Care, Industrial & Institutional Cleaning
 - ✓ Military Spec Lubricants
 - ✓ Chemicals for Railways, Airlines, Marine Vessels, Airports
 - ✓ Paints & Coatings, Inks, Powder Coatings, etc
 - ✓ Plastics, PVC, etc
 - ✓ Mining, Oil Fields, etc
 - ✓ Pulp & Paper Chemicals, etc
 - ✓ Construction Chemicals
 - ✓ Animal Feed Raw Materials
 - ✓ Adhesives
 - ✓ Retail Products



Surfactants

- SLES: Sodium Lauryl Ether Sulphate , Moles 1, 2 & 3 ,
Actives - 70 % , 56 & 30
- SLS: Sodium Lauryl Sulphate – Powder, Needles & Solution
- DDBSA 96% - Linear Alkyl Benzene
- LAB: Linear Alkyl Benzene
- AOS: Rheo-terge AS 40 (Alpha Olefin Sulfonate)- Liquid & Powder
- CAPB: Betaine
- PQ 7: Polyquaternium 7
- CMEA: Cocoamide MEA (Granules & Liquid)
- Rheosurf CS41: CDEA replacement
- Glucosides: Decyl, Coco & Lauryl
- Amine Oxides
- Ethoxylates & Propoxylates



Ethoxylates

- Rheosurf OP40 – Octyl Phenol Ethoxylates & NP40
- Rheosurf LA - Lauryl Alcohol Ethoxylates – 2, 3 etc
- Rheosurf TDA 890- Tri decyl alcohol Ethoxyate
- Allyl Alcohol ethoxylates
- Castor Oil Ethoxylates
- Low ,4 dioxane technology
- EO & PO combinations
- Customized Grades of ethoxylates

Sorbitan Esters

- SMO – Sorbitan Monooleate
- SML – Sorbitan Monolaurate
- SMP – Sorbitan Monopalmitate
- SMS – Sorbitan Monostearate
- STO – Sorbitan Trioleate
- STS – Sorbitan Tristearate

Polyol Esters

We can custom make Military grade polyol esters such as:

- ✓ NPG Esters
- ✓ TMP Esters
- ✓ PE Esters
- ✓ Bio based Esters

PAINT & COATINGS

- Titanium Dioxide – Various grades including economical buff grade
- Talc for Alkyd and Latex Paints
- pH stabilizer Rheomine 95
- Rheological modifier-Bentone 34
- Coalescing agent -Rheofilm 255 & 300 (Texanol & Optifilm 300)
- Carbon Black FH1305 (equivalent to Regal 400R of Cabot and Raven 425 of Birla)
- Various paint driers - Calcium Octoate 10%-metallic drier
- Manganese Octoate 9%-metallic drier
- Zirconium Octoate 24%-metallic drier
- Cobalt Octoate 12%
- Raw Linseed Oil
- Rheodisp OP Ultra -opacifying polymer /TiO₂ substitute

PAINT & COATINGS

- Anti-skinning agent Methyl Ethyl Ketoxime
- Calcium Carbonate 3 micron and 6 micron for Latex Paints
- Latex Paint preservative and biocide -CMIT
- Epoxy Resins-both 100 % like 828, AR101 as well as 75% solution like 1071X75
- Anticorrosive pigment Zinc Phosphate
- Raw Castor Oil and Castor Oil Low Moisture for resin applications
- Nonyl Phenol Ethoxylate NP9
- Iron Oxide Pigments-Red, Black and Yellow
- IPA
- Glycerine

TiO₂

- Titanium di-oxide - Rutile – Chloride & Sulphate, Anatase & Buff
- General Purpose Grade and others
- TiO₂ Pastes & Grinds – Custom made

Plasticizers

*PHTHALATE FREE –

Benzoates: (Replacement plasticizers for phthalates)- DPGDB & DEGDB

Also DPHP

*Adipates: DBA, DOA, DIOA, DIDA, DTDA

*Maleate based - DOM , DBM

*Sebacates: DOS

*Trimalitates: TOTM

*Bio based –

- Di Capryl Sebacate (Replacement for Di Octyl Sebacate)

- Di Capryl Adipate (Replacement for Di Octyl Adipate)

Fatty Acids

- **C6 TO C22 FATTY ACIDS**
 - ❖ *Special Fatty Acids blends for various applications*
 - ❖ Stearic Acids Triple Pressed : Min **39%**, **45%**, **65%**, **90%**
 - ❖ Myristic Acid 99%, Lauric Acid 99%, Behenic Acid, Erucic Acid, Oleic Acid

- **VEGETABLE OIL FATTY ACIDS**
 - ❖ Soya Oil Fatty Acid
 - ❖ Tall Oil Fatty Acid & Equivalent = COLFAT 18 = VOFA
 - ❖ Coconut Oil Fatty Acid
 - ❖ Linseed Oil Fatty Acid
 - ❖ Palm Kernel Fatty Acid

- **Glycerine USP Grade (Kosher)**



PRESERVATIVES

- RHEOQUAT CETAC 30 – CETREMONIUM CHLORIDE
- PHENOXYETHANOL
- PCMX - CHLOROXYLENOL
- CIT / MIT – Rheocide LX 1.5 or Rheocide CG
- DMDM H
- POTASSIUM SORBATE
- SODIUM BENZOATE



Polyrheo Polyols
<i>Polyrheo- NPG</i>
<i>Polyrheo- TMP</i>
<i>Polyrheo- Di-TMP</i>
<i>Polyrheo- GLYCERIN</i>
<i>Polyrheo- PGN</i>
<i>Polyrheo- PG</i>
<i>Polyrheo Tech-PE</i>
<i>Polyrheo PE-90</i>
<i>Polyrheo PE-95</i>
<i>Polyrheo PE-98</i>
<i>Polyrheo PE-99</i>
<i>Polyrheo- DPE- 85</i>
<i>Polyrheo- DPE- 90</i>
<i>Polyrheo- DPE- 95</i>
<i>Polyrheo- TPE</i>
Polyrheo Acids
<i>Polyrheo- C5 Acid</i>
<i>Polyrheo- iC5 Acid</i>
<i>Polyrheo- C7 Acid</i>
<i>Polyrheo- C8 Acid</i>
<i>Polyrheo- 2EH Acid</i>
<i>Polyrheo- C9 Acid</i>
<i>Polyrheo- iC9 Acid</i>
<i>Polyrheo- C810 Acid</i>
Ester Base Stocks
<i>Polyol Esters</i>
<i>Diesters</i>
<i>Monoesters</i>
<i>Glycerol Esters</i>

Additive Packages		
<i>2 T Engine Oil Add Pack</i>		PI-2004
<i>4T Add Pak</i>		PI-6852
<i>Automatic Transmission Fluid Add Pack</i>		PI-4071
<i>Cutting Oil Add Pack</i>		PI-1371
<i>Engine Oil Add Pack (CF-4)</i>		PI-6921
<i>Engine Oil Add Pack (CI-4 Multipurpose)</i>		PI-7536
<i>Engine Oil Add Pack- (Crankcase- Multipurpose)</i>		PI-7521
<i>Engine Oil Add Pack (Heavy Duty- Gasoline/Diesel)</i>		PI-6925
<i>Engine Oil Add Pack (PCMO)</i>		PI-6855
<i>Gear Oil Add Pack</i>		PI-4020
<i>HONING Oil Add Pack</i>		PI-1381
<i>Hydraulic Oil Add Pack</i>		PI-1188
<i>QUENCHING Oil Add Pack</i>		PI-1336
<i>SPINDLE OIL Add Pack</i>		PI-1385
<i>Thermic Fluid Add Pack</i>		PI-1329
ZDDP		
<i>Zinc Dialkyl Dithio Phosphate</i>		PI-9334
<i>Zinc Dialkyl Dithio Phosphate- EP</i>		PI-9307
		PI-1940
<i>PIBSA- Poly Isobutylene Succinic Anhydride</i>		PI-1951
<i>PIBSI- Poly Iso Butylene Succinimide</i>		
Rheology Modifiers		
<i>V1 Improver- OCP- 1000</i>		PI-3009
<i>V1 Improver- OCP- 1350</i>		PI-3015
<i>Pour Point Depressant</i>		PI-3062
<i>Rust & Corrosion Inhibitor</i>		PI-1331
<i>TBN Booster- 400 TBN</i>		PI-4481
		HICAL
Fuel Oil Additive		

Anti- Oxidants	
<i>Phenyl Alpha Naphthyl Amine</i>	<i>Rheonox- PANA</i>
<i>Alkylated PANA</i>	<i>Rheonox-APANA</i>
<i>Diphenyl Amine</i>	<i>Rheonox- DPA</i>
<i>Alkylated Diphenyl Amine</i>	<i>Rheonox- ADPA</i>
<i>Phenolic Antioxidant</i>	<i>Rheonox- PA</i>
<i>Butylated Hydroxy Toluene</i>	<i>Rheonox- BHT</i>
Metal Deactivators	
<i>Benzotriazole</i>	<i>RheoMD- BZT</i>
<i>Tolytriazol</i>	<i>RheoMD- TTZ</i>
<i>Alkylated Benzotriazole</i>	<i>RheoMD- BZTR</i>
Load Carrying Additives	
<i>Tricresyl phosphate</i>	<i>Rheophos- TCP</i>
<i>Triphenyl Phosphate</i>	<i>Rheophos- TPP</i>
<i>Isopropyl Phenyl Phosphate</i>	<i>Rheophos- IPPP</i>
<i>Gear Oil EP additive</i>	PI-4064
<i>EP additive- Sulphur Based</i>	PI-1315
Rust Inhibitors	
<i>Phosphate Acid Esters</i>	<i>Rheophos- PAE</i>
<i>Sodium Petroleum Sulphonate</i>	PI-1649 N
<i>Sodium Petroleum Sulphonate</i>	PI-1649 H
<i>Calcium Petroleum Sulphonate</i>	PI-6411 N
<i>Calcium Petroleum Sulphonate</i>	PI-6413
<i>Magnesium Petroleum Sulphonate</i>	PI-4444
<i>Barium Petroleum Sulphonate</i>	PI-8142 N
	PI-331
Defoamer	
Thickening Clays	
<i>Conventional Organoclays</i>	<i>Rheogel-PA10 Series</i>
<i>Unconventional Organoclays</i>	<i>Rheogel-AF10 Series</i>
<i>Water Based Bentonite</i>	<i>Rheogel- WB10 Series</i>
<i>Fillers- earth -attapulgite</i>	



SURFACTANTS

SLES - SODIUM LAURYL ETHER SULPHATE
1 MOLE, 2 MOLES, 3 MOLES

70 % , 60%, 30 %

SLS - SODIUM LAURYL SULPHATE

AOS - RHEO-TERGE AS 40 - ALPHA OLEFIN
SULFONATE - LIQUID & POWDER

APG - ALKYL POLY GLUCOSIDES

DECYL, MYRSTYL , LAURYL, ETC
CAPB - COCO AMIDO PROPYL BETAINE

CAHS - COCO AMIDO PROPYL HYDROXY
SULTAINE

BKC - BENZAL KONIUM CHLORIDE

PQ 7 - POLYQUATERNIUM 7

LABSA 96 % , REGULAR & HIGH 2 ,

LAB - LINEAR ALKYL BENZENE

ETHOXYLATED FATTY ALCOHOLS

RHEOSURF LA 7,2 - LAURYL ALCOHOL

RHEOSURF TDA - TRI DECYL ALCOHOL -
6, 8, 9, 10 MOLES

ETHOXYLATES & PROPOXYLATES -

EO & PO

CONDENS.

RHEOSURF DLSS

DISODIMLAURETH SULFOSUCCINATE

RHEOSURF LSA

SODIUM LAURYL SULFOACETATE

FATTY ACID ESTERS - SMO, SML, SMP,

STO, STS,

FATTY ACID METHYL ESTERS - FAME

MES - METHYL ESTERS SULPHONATES.

POLYSORBATE 80, 60 & 20

ALTERNATE SURFACTANTS

· SARCOSINATES,

SODIUM LAUROYL SARCOSINATE

SODIUM MYRISTOYL SARCOSINATE

SODIUM COCOYL SARCOSINATE

· GLUTAMATES,

SODIUM COCOYL GLUTAMATE

SODIUM LAUROYL GLUTAMATE

· HYDROXYSULTAINES,

COCOAMIDOPROPYL

LAURAMIDOPROPYL

· ISETHIONATES

SODIUM COCOYL ISETHIONATE

PHOSPHATE ESTERS

MONO, DI, ALCOHOL, ETHOXYLATED

ALCOHOL & ETHOXYLATED PHENOL

BASED PHOSPHATE ESTERS

SORBITAN FATTY ACID

~~ESTERS~~ SORBITAN OLEATE

SML - SORBITAN LAUREATE

SMP - SORBITAN

PALMITATE SMS -

SORBITAN STEARATE STO -

SORBITAN TRI OLEATE

STS - SORBITAN TRI

~~STEARATES~~

POLYETHYLENE GLYCOLS

PEG & MPEG - RANGE

PEG ESTERS -

PEG OLEATES AND PEG STEARATES

ETHOXYLATED SORBITAN ESTERS

- ETHOXYLATED SORBITAN MONO

OLEATE



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FATTY ALCOHOLS

FULL RANGE OF FATTY ALCOHOLS FROM
C6 TO C22

LAURYL ALCOHOL - C12
MYRSTYLALCOHOL - C14
CETYL ALCOHOL - C 16
STEARYL ALCOHOL - C 18
STEARYL ALCOHOL - C 18 DEO
CETO-STEARYL ALCOHOL,
50:50, 60:40, 70:30

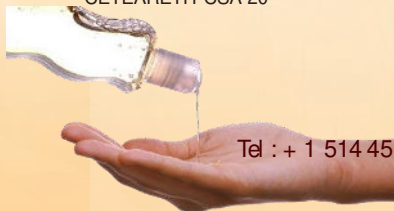
LAURYL MYRSTYL ALCOHOL C1214
BEHNYL ALCOHOL

CASTOR OIL & DERIVATIVES

CASTOR OIL - COFSG, LOW MOISTURE,
USP, PHARMA,
12-HYDROXY STEARIC ACID - 12-HSA
DCOFA - DE-HYDRATED CASTOR OIL
FATTY ACID

CASTOR OIL - POLYOLS

HYDROGENATED CASTOR OIL WAXES
*CWAX MP70 & MP80
EMULSIFYING WAXES
CETEARETH CSA 20



FINE INGREDIENTS

/ADDITIVES

AMINE OXIDES - LO, MO, LDA ETC
COCOAMIDE MEA - CMEA - LIQUID & GRANULES
GLYCERINE - USP, TECH & CRUDE
GMS SE - GLYCERYL MONO STEARATE - SE
EGMS - ETHYLENE GLYCOL MONO STEARATE
EGDS - ETHYLENE GLYCOL DI STEARATE
RHEOSURF CSA 20 - CETEARETH 20
MENTHYL LACTATE - MIN 98 %
IPM, IPL, IPP
MCT OIL - CAPRYLIC-CAPRIC TRI GLYCERIDE
SORBITOL (CRYSTAL AND 70%) &
SORBATES
RHEOSURF OE - DI CAPRYL ETHER
RHEOSURF HE - POE-7 GLYCERYL VCOCOATE
PEG & MPEG
RHEOSURF CS41 - CDEA REPLACEMENT
BKC - BENZAL KONIUM CHLORIDE
PLASTICIZERS - BENZOATE ESTERS,
ADIPATES, MALEATES, BIOBASED
SOAP NOODLES - 80/20, TRANSLUCENT
PRESERVATIVES - CMIT/MIT, PCMX, ETC

FATTY ACIDS

FULL RANGE OF FATTY ACIDS
FROM C6 TO C22

STEARIC ACIDS TRIPPLE PRESSED -
75%
STEARIC - MIN 39 %, 45 %, 65 %, 90 %
MYRISTIC ACID - 99 %
LAURIC ACID - 99 %
OLEIC ACID
ARACHIDIC ACID
BEHENIC ACID
ERUCIC ACID
VEGETABLE OIL FATTY ACIDS
SOYA OIL FATTY ACIDS
TALL OIL FATTY ACIDS
COCONUT OIL FATTY ACIDS
PALM KERNEL FATTY ACID
ALKYL KETENE DIMERS
AKD - 1840, 1865, 1890
SPECIAL FATTY ACID BLENDS
FOR VARIOUS APPLICATIONS



POLYRHEO ESTERS



We are an Oleo-Ester Expert!!

We Manufacture:

- Pentaerythritol Esters
- Trimethylolpropane Esters
- Glycerol Esters
- Neopentyl Glycol Esters
- PEG Esters
- Diesters & Monoesters

Biodegradable :: All

Metalworking: ALL

Base Stocks : PE Esters: Adtec 39/219/481

TMP Esters: 133/300/430

Friction Modifiers: GMO: Adtec137 C; GDO:

Adtec151 T

Emulsifiers: Adtec 156/163/233/439

Plasticizers : Glycerol Esters and Other Diesters

Textile : Glycerol Esters, Diester &

Polyol esters

Ink and coatings: Adtec 155/160

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www.neatsfootoll.com

PE

139 PE Tetraoleate
219 PE Medium-chained esters
126 TMP Complex esters
133 TMP Trioleate- Iso 46
161 TMP Medium-chained esters
300 TMP Oleate- Iso 68

TMP

426 TMP Complex esters
430 TMP Trioleate- Iso 46
439 Emulsifiable TMP ester
137C Glycerol Monooleate
151T Glycerol Dioleate

GLYCEROL

292 Medium-chained FA Triglycerides
359 Polymerized Triglycerides
360 Triglycerides

NPG

136 Neopentyl glycol dioleate- Iso 22
434 Neopentyl glycol dioleate

ADIPATES AND SEBACETES

172 Ditridecyl Adipate
174 Diisodecyl Adipate
Dioctyl Adipate
Dinonyl Adipate
Dioctyl Sebacate

PEG

156 PEG 400 dioleate
163 PEG 400 dilaurate
233 PEG 600 Monooleate

OTHER ESTERS

132 Isopropyl oleate
150 2-Ethylhexyl oleate
155 n-Butyl stearate
157 Propylene glycol dioleate
158 n-Butyl oleate
160 I-Butyl stearate
180 D Fatty acid methyl ester (FAME)
236 n-Propyl oleate
127 I-Decyl dimerate (C36/54)
128 I-Octyl dimerate (C36/54)
129 I-Nonyl dimerate (C36/54)

**WE CAN MAKE ANY OTHER ESTERS
OF YOUR CHOICE**

165 PEG 600 monooleate
166 Glycerol trioleate
168 PEG 200 dioleate
170 n-Butyl laurate
175 PPG dioleate
179 Refrigeration esters
190 PEG 400 monooleate
199 Di(tridecyl) sebacate
200 NPG di(2-ethylhexanoate)
201 PE tetra(2-ethylhexanoate)
202 Di(n-butyl) adipate
203 2-Ethylhexyl stearate
209 2-Ethylhexyl I-nonanoate
210 TMP tri(I-stearate)
212 NPG di(caprylate/caprate)
214 C12-15 benzoate
215 Di(2-ethylhexyl) adipate
216 2-ethylhexyl palmitate
217 Di(n-octyl) sebacate
218 Di(butyl) sebacate
224 2-Ethylhexyl hydroxy stearate
225 Di(capryl) adipate
229 NPG di(laurate)
240 Complex adipate esters
250 n-Cetyl palmitate
253 C12-15 2-ethylhexanoate
256 Decyl oleate
259 Glycerol tri(I-stearate)
264 PE tetra(I-valerate)
282 I-Decyl oleate
283 Glycerol tri(caprylate)
285 PE tetra(I-stearate)
297 Di-PE hexa(stearate)
304 PE tetra(stearate)
305 PE tetra(laurate)
320 I-Nonyl heptanoate
322 TMP dioleate
325 PE dioleate
330 PE tetra(I-nonanoate)
331 TMP tri(I-nonanoate)
336 NPG di(I-nonanoate)
481 CAT BASE AE

PERSONAL CARE ESTERS

Iso Propyl Palmitate
Iso Propyl Myristate
Iso Propyl Laurate

NEATSFOOT LARD OILS

LARD OILS

LCT (Low Cloud Test)
PB (Prime Burning)
PWS (Prime Winterstrained)
EWS (Extra Winterstrained)
OP (Off Prime)
Extra No. 1
No. 1
RGLD (Reaction-grade Lard Oil)
Yellow Grease

APPLICATIONS:

• Cutting Oils • Lubricating Oils • Drawing Oils • Buffing & Polishing Compounds Putty & Caulking Compounds • Quench Oils • Textile Lubricants Mold • Release Compounds



NEATSFOOT NEAT OILS AND NOROILS

NEATS OILS

1528
20
30
Grade A
3035-1
40
Prime



APPLICATIONS:

• Treatment of Leather (Raw or Sulfated), non-drying • Lubricants • Textile Oils

NOROILS

45E
SE

APPLICATIONS:

• Replacement for 45°NW Sperm Oil
• Water-soluble cutting fluids
• Leather Tanning
• Carbon Paper and Ribbon Manufacturing
• Drawing Compounds
• Hydraulic Oils • Oil Additives

NEATSFOOT BLOWN OILS/ SPECIAL TALLOWES

BLOWN OILS

160
300
600
1200
2000



APPLICATIONS:

• Drawing and Stamping Oils
• Cutting Oils for Caron Paper and Ribbons
• Hydraulic Oils
• Oil Additives

SPECIAL TALLOWES

Acidless
Acidless LP & HT
Fancy

Methyl Lardate
Methyl Oleate
Methyl Tallowate
Oleic Acid (Nupro 105)-A
Oleic Acid (Nupro 205)-V

Glycerine-USP

2925, E.Ontario Street, Philadelphia, PA 19134, USA

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email : sales@neatsfootoil.com

www.neatsfootoil.com

CASE – COATINGS, ADHESIVES, SEALANTS & ELASTOMERS

- Titanium Dioxide - Rutile pigments
- PIGMENTS – Carbon Black, Oxides, etc
- MEKO – Anti-Skin
- Dispersing Agent : N 40 , Polyacrylate
- Opacifying Latex : Rheodisp OP Ultra
- Thickener : HEC – Various Viscosities, ASE, HASE & HEUR Type
- Rheogel 50 – Inorganic thickeners
- Defoamer : Foamx 246
- Latexes : Rheodisp – 290D, 400 D, 261
- Rheomine 95 – pH stabilizer
- Rheofilm 255, 300 – Coalescing agents
- Nitrocellulose – Cotton , Solution & Chips
- Ethyl Acetate
- Plasticizers – Various – DBP, DOTP, DINP, DPGDB, DEGDB, etc
- 2 EHA - 2 - Ethyl hexanoic Acid - for drier manufacture
- Zirconium carbonate – for drier manufacture
- Methylene Chloride - Paint removers –
- Epoxy Resins
- Epoxy Hardeners -
Polyamide hardeners &
Phenalkamine Hardeners



- Rheodil - Reactive Diluents for Epoxy systems.
- UF Resins, UI 20HS
- MF Resins, Rheomine 303
- Surfactants – SLES, SLS, AOS, XSX, NP40, OP40, etc

RESINS – ALKYDS, UPR

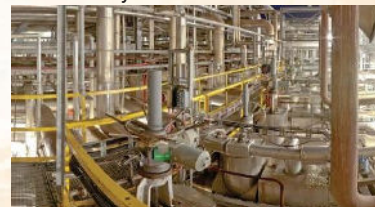
- Fatty Acids – Full range – C6 to C22
- Fatty Acid Methyl Esters
- TOFA – Tall Oil Fatty Acids
- COLFAT 18 – Veg Oil Fatty Acid
- COLFAT 2A – Coconut Oil Fatty Acid
- SOLFAT 2 – Soya Fatty Acid
- DCO – Dehydrated castor oil fatty acid.
- Pentaerithritol - 98%, 96%, 92%
- Phthalic Anhydride
- Maleic Anhydride
- Benzoic Acid
- Dimer Fatty acid
- DCPD – Dicyclopentadine 95%, 85%, 75%
- Castor Oil & Derivatives
- 12 HSA – Hydroxy Stearic Acid
- Hydrocarbon Resins – C5 & C9
- Glycerine - USP

EMULSION POLYMERISATION

- Acrylamide - 98%
- BA , MMA
- SVS - Sodium Vinyl Sulphonates
- ATBS / AMPS
- DAAM
- VAM / Styrene Monomers
- AOS- Alpha Olefin Sulphonates
- SLS – Sodium Lauryl Sulphate
- Octyl & Nonyl Phenol Ethoxylates

SOLVENTS

- DMC - Dimethyl Carbonate
- Ethyl Acetate
- Butyl Acetate
- Methylene Chloride
- Propylene Glycol – PG – USP & Intl
- DCPD – dicyclopentadine
- Green Solvent / VOC Free
PolysolvBioSolvent - N-Butyl Tallate
- MEK – Methyl ethyl ketone
- Aromatic – 100 , 150, 200
- Rheofilm 255 – Texanol equivalent
- PCBTF - Parachlorobenzotrifluorid
- Perchloroethylene 99.94 %



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CONSTRUCTION CHEMICALS

- Calcium Formate
- Rheodisp CB 105, Bonding agent for admixtures
- Redispersible Polymers : 5010, 5110, 28
- Polycarboxylate Ethers
- Sodium Ligno Sulfonate
- Air Entraining Agents – Rheosurf – AE
- Cellulosic Thickeners – HEC & MHEC
- Elastomeric binders / cement modifiers
- Floor polish & Floor polish binder
- Polypropylene – PP Fibers

POWDER COATINGS

- TiO₂ & other pigments
- Polyester Resins
- Epoxy Resins
- TGIC & HAA Hardeners

PLASTICS / MASTERBATCH

- Pigments - TiO₂ - NSF listed, Carbon black, etc
- Pigments-Oxides-Black, Red, Yellow, etc
- Methyl Tin Stabilizer - PR 181
- Stearates – Zinc & Calcium
- Slip Additives – Erucamide, Oleamide & PE Wax.
- Plasticisers - Various - DBP, DOTP, DINP, ETC



LUBRICANTS

- Sodium Sulphonates
- Calcium Sulphonates
- Barium Sulphonates

FINE CHEMICALS : OTHERS

- E- Caprolactone
- Ethyl Lactate
- Melamine 99.9 %
- Urea Prills



INDUSTRIAL : OTHERS

- Glutamates GLDA – novel chelation agent
- Mining Chemicals – Flotation agents, Frothers, etc
- PIBSA - Polyisobutylene Succinic Anhydride
- Sorbitan Mono Oleates -SMD 80
- Fatty Acids & Esters
- Phosphate Esters - TPP, TCP, CDP
BTTP, TXP,
IPPP

ENERGY, PULP & PAPER INDUSTRY CHEMICALS

LBG FIRE SIDE ADDITIVES – for use in -

- Biomass Boilers
- Recovery Boilers
- Diesel Engine/ Heavy oil Boilers
- Coal fired Boilers

Other Chemicals offered :

Titanium Dioxide Slurry for paper
Bleach / Thioureadioxide
Water treatment chemicals
Various Corrosion inhibitors
Sludge Convertors
Defoamers

Oleo Chemicals, Esters & Custom Blends

Polyrheo Global Partnership

- Supply Chain covers: Oils seeds to Oleo Chemicals, Esters & Surfactants
- ISO manufacturing
- RSPO Member
- Global Supplier and Client Base
- Custom blending- Montreal based

REFINERIES

NUPRO INDUSTRIES

Manufacturing refined animal oils
and
synthetic polyol esters.

Premium specialty oils primarily used in the treatment of leather to replace the natural oil from hides during the tanning process.



TO KNOW MORE ABOUT US AND OUR ACTIVITIES :

www.polyrheo.com

Does anyone have any questions?
Sales@polyrheo.com

THANKS





THANKS

Questions ?