

## Hydrogenated Glycerides

Product	Use
<b>Hydrogenated Castor Oil 190</b> CAS# 8001-78-3	Lithium or calcium base lubricating greases, hot melt coatings and adhesives, plasticizers, insulation waxes, paste waxes, wax compounds, cosmetics, candles, textile chemicals and sizes, metallic soaps, paper coatings, and chemical reactions.
<b>Hydrogenated Tallow Glycerides 145M</b> CAS# 8030 – 12- 4	Textile finishes: sizes, softeners, and for reacting with and blending with other products. Lubricating greases – saponified and used as a thickener or jelling agent for petroleum oils where it is desirable to have glycerine present in the finished grease, wire drawing, wax compounds, buffing and polishing compounds, candles, wire insulation and terne plate manufacture.
<b>Hydrogenated Fish Glycerides 117</b> CAS#68424-59-9	Wax compounds, textile softeners and sizes, yarn lubricants, grease sticks, polishing compounds, soda base greases, crayons, candles, leather stuffings, wire drawing compounds, paper coatings and plastics.
<b>Hydrogenated Fish Glycerides 128</b> CAS# 68424-60-2	Wax compounds, textile sizes, grease sticks for polishing, lubricating greases, adhesives, Japan Wax replacements, crayons, leather stuffings, stearates, wire drawing compounds of the calcium soap type, paper coatings and plastics.

## Nonionic Surfactants

Product	Use
<b>Nonionic T9</b> CAS# 84501-87-1	Emulsifier, low foaming water dispersible surfactant.
<b>PEG200 Adipate</b> CAS# 68647-16-5	Lubricant for water based systems
<b>PEG400 Adipate</b> CAS# 68647-16-5	Plasticizers, solubilizers, metal working lubricants
<b>PEG400 Monolaurate</b> CAS# 9004-81-3	Used as a leveling agent, solubilizer, viscosity control agent, defoamer in cosmetics, creams, lotions, textiles (fiber extrusion), paints & in other industrial uses as well as as an antblocking agent in vinyls & as a plasticizer.

## Esters

Product	Use
<b>Smithol 21</b> CAS# 1333396-13-6	Synthetic lubricants, drawing & rolling compounds for non-ferrous applications. (water attractive)
<b>Smithol 22LD</b> CAS# is 68187-85-9	Drawing, stamping, rolling lubricants, de-emulsifiers, stripping oils from waste water, leather treating or textile spin finish compounds, rust preventative compounds.
<b>Smithol 50B3</b> CAS#	Industrial lubricant additives, metal working lubricants, greases, cutting oils, leather treatments.
<b>Smithol 54</b> CAS# 1043888-25-0	Synthetic lubricants, drawing & rolling compounds for non-ferrous applications. (water attractive)
<b>Smithol 55</b> CAS# 915099-00-2	Synthetic lubricants, drawing & rolling compounds for non-ferrous applications. (water attractive)
<b>Smithol 774</b> CAS# 68334-18-9 also 68188-27-2	Industrial lubricants, metal working lubricants. Promotes anti-seize properties in metal working lubricants.
<b>Smithol 774M</b> CAS# 68334-18-9 also 68188-27-2 also 68187-85-9	Industrial lubricants, metal working lubricants.
<b>Smithol 76</b> CAS# 68911-34-2 also 68188-27-2	Industrial lubricants, metal lubricants, rust inhibitors. Sulferizes well.

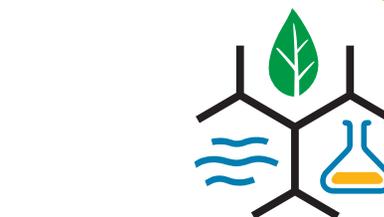
**Werner G. Smith, Inc. is available for tolling your products.**

### CONTACT

#### Chemical Sales

1730 Train Ave.  
Cleveland, OH 44113  
FAX: 216.861.3680  
Toll Free: 1.800.535.8343

[wernersmithinc.com](http://wernersmithinc.com)



**Werner G. Smith, Inc.**

*Biosustainable, Biorenewable, Biodegradable*

**Product  
List**

April 2016

# Werner G. Smith Product List



## Kettle Bodied and Blown Oils

Product	Use
<b>KBB Menhaden Fish Oils</b> CAS# 68440-42-6	Caulking compounds, glazing compounds, marine lubricants
<b>KBB Linseed Oil</b> CAS#66071-03-2	Used in surface coatings and inks

## Blown (Oxidized) Oils

Product	Use
<b>Blown Canola Oils</b> CAS# 129828-25-7	Putties, caulking compounds
<b>Blown Rapeseed Oils</b> CAS#68554-11-0	Metal working fluids, drawing, release agents, emulsifiable
<b>Blown Linseed Oils</b> CAS# 68649-95-6	Pigment binder in oil paints and wood varnishes, as a plasticizer and hardener in putties.
<b>Blown Soybean Oils</b> CAS#68152-81-8	May be used in the production of alkyd resins for paints, coatings and printing inks.
<b>Smithol 76-1000</b> CAS# 125252-45-1	Industrial lubricants, metal working lubricants, metal stamping, rust inhibitor additive.
<b>Blown Menhaden Fish Oils</b> CAS# 68201-51-4	Caulks, putties, mastics, lubricants, rust preventing compounds, additives to paint systems to increase flow and leveling – have good gloss and drying properties
<b>Defloc Z3</b> CAS# 68201-51-4	Defloculant in ceramic tape castings
<b>FR100</b> CAS# 68440-42-6 CAS# 8050-09-7 CAS# 8052-41-3	Oxidized fish oil rosin mixture cut with mineral spirits

## Kettle Bodied (heat polymerized) Oils

Product	Use
<b>KB Linseed Oils</b> CAS# 67746-08-1	surface coatings, enamels, light color alkyds, and varnishes, “stand oils”
<b>KB Safflower Oils</b> CAS#68607-59-0	Used in surface coatings because of it's semi- drying qualities, similar to linseed but without the yellowing.
<b>KB Soya Oils</b> CAS# 68122-64-5	Used in glazing compounds, caulks and putties because of it's slow drying properties. It may also be used as a vehicle in printing inks. Soybean oil is an environmentally friendly low cost source for bio-based products.
<b>S60L-P</b> CAS# 68606-86-0	Industrial metal working lubricants, glazing putties and caulking compounds

Product	Use
<b>Blown Herring Oils</b> CAS# 68389-85-5	Calks, putties, leather tanning treatments
<b>Smithol 300M</b> CAS# 68389-85-5	Industrial metal working lubricants, metal stamping, rust preventative coatings
<b>S60Z5</b> CAS# 68991-31-1	In marine lubricants as a water absorption medium; as a replacement for Degras & tech. grade lanolin in metal working oils, compounds & rust preventatives; in textile lubricants, replaces tech. grade lanolin & neutral Degras in leather processing oils; in caulking & glazing compounds. S60Z5 is especially effective in rust preventative oils. Small additions to napthenic type oils produce films with long term outdoor storage protection.
<b>R60Z5</b> CAS# 68082-77-9	In marine lubricants as a water absorption medium, metal working oils and rust preventatives, acts as a scavenger in mixtures containing chlorinated paraffin. Small additions to napthenic oils produce films with long term outdoor storage protection.
<b>Smithol CDR-G</b> CAS# 68082-79-1	Metal working and leather treatments; made as a replacement for Crude Degras.

## Waxes

Product	Use
<b>Cetyl Palmitate</b> CAS# 540 – 10 – 3	ingredient in cosmetics, as an emollient, emulsifier or thickening agent in skin creams and lotions.
<b>Synaceti 116</b> CAS# 8002-23-1	Used in sculptor's clay, as a cosmetic emollient, drawing compounds, finishing aids, lubricants, and leather treatments. Has FDA sanction under CFR 21 174.200. May be used in solvent based coatings or varnish systems to improve surface gloss.
<b>Synaceti 125</b> CAS# 1190-63-2 CAS# 540-10-3 CAS# 8030-12-4 CAS# 2778-96-3	May be used in solvent based coatings or varnish systems to lower the coefficient of friction, improve surface gloss, provide antiblocking characteristics and to develop clarity more quickly.

## Hywaxes

Product	Use
<b>Hywax 117SB</b> CAS# 68956-50-3	Forms small particle stable emulsions & as a dried film provides a rust protective film that can be machined over.
<b>Hywax 122SB</b> CAS# 68425-46-7	Forms small particle stable emulsions & as a dried film provides a rust protective film that can be machined over.

