

NEW AT CLASSIC



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IN THIS ISSUE

SURFACTANT UPDATE

We share a starting formula for “affordable luxury” shampoo/shower gel and announce several new Mason products

Page 2

ALZO GOES NATURAL

Naturally-derived emulsion system and other green alternatives

Page 3

JARCHEM INNOVATES

Natural hair conditioning idea and new uses for linear alcohol/acids

Page 4

ANNOUNCEMENTS

NOW – Behenyl TMS and Sarcosinates from Classic, leave-in conditioner ideas and a natural thickener

Page 5

POTPURRI

Classic Specialties and our certified organic material list

Page 6

NEW ADVANCES

Thankfulness Continues

At this Thanksgiving and Holiday time of year, we at Classic are grateful that our industry remains strong. Personal care and cleaning requirements seem to go on even in times which are tough for many.

We continue in this issue of New at Classic to offer newer raw materials and formulas that are responsive to current market demands.

As always, we appreciate you, our loyal customer and our innovative suppliers.

Affordable Luxury Shampoo/Shower Gel

Suggested starting formula - cold mix

- | | |
|---|------------|
| • Classic TLS (TEA Lauryl Sulfate) | 20% |
| • Classicbetaine C (Cocamidopropyl Betaine) | 20% |
| • Water | QS to 100% |
| • Citric Acid to pH 6-7 | QS |
| • Fragrance | QS |
| • Preservative Choices— | |
| Phenosan | 1% |
| Enhansys M-100 | 1.25% |

Thicken with Dermothix 75 Liquid, Xanthan Gum, etc.

Announcement

Now available from Mason

Macare HP-230 - INCI Name: Acrylates Copolymer

MACARE HP-230 is a non-toxic, efficient, cost effective and easy-to-use hair care polymer suitable for use in formulations which demand superior appearance, exceptional clarity, smooth flow (shear thinning) and suspending or stabilizing properties in hair fixative systems. When neutralized, it delivers crystal-clear, practically colorless film forming solutions which allow a formulator to produce hair sprays, hair gels and styling mousse products with volume, soft feel and dry combability. HP-230 delivers flexible hold performance and curl retention with humidity resistance and good wash-out removability for no residue or buildup.

Compare with Acudyne, Balance, Fixate, Luviflex Haircare Polymers.

Maquat PQ-230 - INCI Name: Polyquaternium 37

MAQUAT PQ-230 is a highly substantive, film forming Poly Quaternary that provides effective conditioning and body without build-up. Use in Conditioners and Relaxers, Conditioning Volumizing Shampoos, Skin Lotions, and Styling Gels, Mousses and Sprays. **MAQUAT PQ-230 is salt free.**

Look for Polyquaternium 37 in Neutrogena Triple Moisture Silk Touch Leave-in Cream, and L'Oréal Féria Shimmering Colour products.

Maquat PQ 100 series (PQ-125, PQ-130, PQ-135S) - INCI Name: Poly (methacrylamidopropyltrimethylammonium) Chloride

MAQUAT PQ-100 series products are highly substantive, film forming Poly Quaternaries that provide effective conditioning and body without build-up. Use in Conditioners and Relaxers, Conditioning Volumizing Shampoos, Skin Lotions, and Styling Gels, Mousses and Sprays. MAQUAT PQ-125 and PQ-130 are salt free.

Look for Polymethacrylamidopropyltrimonium Chloride in P&G's new DAILY Renewal 5x Revitalize SHAMPOO with "advanced 5x clean rinse technology."

Natural Emulsions?

NO – Synthetic polymers
Silicones
Hidden EO
Synthetic esters

The **Dermasperse MG system** is used to form stable oil-in-water (o/w) emulsions using naturally derived ingredients, Wickenol 535 (Wheat Germ Glycerides) and Mulls 2218 (Behenoyl Stearic Acid). A nonionic system which can holdup to 10% natural oils. Complete information is available from Classic.

A Natural Secondary Emulsifier?

Many green-conscious formulators have elected to use soap systems such as Classic GMS-SE or Classic Stearic Acid XXX/TEA. Greater emulsion stability can be obtained (along with emolliency) by incorporating Jarplex SB-WD (Butyrospermum Parkii (shea butter) Glycerides) at 2-5%, as a natural secondary emulsifier and stabilizer.

May We Help?

In a recent Alzo product training session, the following products/properties were felt to be most helpful to our customers.

- Dermol LL (Lauryl Lactate) – the short chain structure of Dermol LL aids penetration of oil-soluble actives.
- Alzo Mango Butter – When considering butters, note that Mango Butter is more oxidation stable than Shea or Cocoa. Alzo Mango Butter is also “Ecocert” registered.
- Bernel Ester DCM (Di Capryl Maleate) – An excellent Avobenzene solubilizer.
- Polynecon PPI-SA-15D (Peg 15 Soyamine/IPDI Copolymer Dimer Dilinoleate) – A silicone-like feel that lasts. It is salt-compatible, unlike carbomers, etc.
- Dermol TISC (Triisostearyl Citrate) – Castor Oil replacement
- Dermol JOBA (Cetearyl Octanoate) – Jojoba Oil replacement
- Dermol DGDIS (Diglyceryl Diisostearate) – Castor Oil replacement.
- Beantree (Capryl Isostearate)) – D5 silicone replacement
- Wickenol 139 (Synthetic Jojoba Oil) – Jojoba Oil replacement
- Dermoithix 100 (Disteareth-100 IPDI) –offers a wide pH range for gels and is water soluble.

Emulsion Problems?

Saturated vs. Unsaturated

Jarchem saturated branched alcohols and acids have some distinct advantages over the usual unsaturated materials:

- **Very low freezing points vs. straight chain linear substances of equal molecular weights – see chart**
- **Greater oxidative, hydrolytic and color stability**

TRADE NAME	CHEMICAL NAME	CAS #	MELTING POINT	IODINE VALUE
Traditional Linear	Stearic Acid	57-11-4	70°C	1.0 MAX
JARIC I-18 CG	<u>ISO</u> stearic Acid	30399-84-9	27°C	3.0 MAX
Traditional Linear	Stearyl Alcohol	112-92-5	58°C	1.0 MAX
JARCOL I-18 CG	<u>ISO</u> stearyl Alcohol	27458-93-1	0°C	1.0 MAX
JARCOL I-18 EX	<u>ISO</u> stearyl Alcohol	27458-93-1	0°C	1.0 MAX
JARCOL I-18 T	<u>ISO</u> stearyl Alcohol	110225-00-8 45235-48-1 5333-42-6 2425-77-6	-8°C	1.0 MAX
JARCOL 75 BJ	Oleyl Alcohol	143-28-2	22°C	70-75
JARCOL 85 BJ	Oleyl Alcohol	143-28-2	10°C	84-89
JARCOL 95 BJ	Oleyl Alcohol	143-28-2	5°C	90-98
JARCOL 110 BJ	Oleyl-Linoleyl Alcohol	143-28-2	10°C	110-135

Natural Hair Conditioner

To soften and improve comb-out naturally, consider the following formula or add Jarplex SB-WD to your conditioning formula.

INGREDIENTS	INCI Name	Function	%	Supplier
PART A				
R.O. Water	Water	Solvent	50.00-93.00	
Thickener of your choice:				
Dermothix 75	Disteareth-75 IPDI	Thickener	QS	
Classicthix	Sclerotium Gum	Thickener	QS	
PART B				
Maquat BTMC-85%	Behentrimonium Chloride	Conditioner	2.00	Classic/Mason
JARPLEX SB-WD	Shea Butter Glycerides	Conditioner	5.00	Classic/Jarchem
PART C				
Fragrance	Fragrance	Fragrance	0.20	Intarome
Color			QS	
Classic PE-9010	Phenoxythanol (and) Ethylhexyl Glycerin (and)	Preservative	<u>1.00</u>	Classic

PROCEDURE:

Add the Part A water to a suitable vessel. Begin mixing and sprinkle in the Thickener. Mix until uniform and add the citric acid. Continue mixing and heat to 75-80°C. Mix until uniform. Continue mixing and stop heating. Continue mixing and add Part B in order. Mix until uniform avoiding aeration. Continue mixing and cool to 45°C. Continue mixing and add the Part C ingredients. Mix until uniform. pH as is ~ 3.4, Viscosity ~ 5,200 cps Sp #3 @ 30 rpm

Announcement

Now available from Classic

- **Classic BTMS** – Direct offset to that very popular “Behenyl TMS”. Data, samples, and pricing – yours for the asking!
- **Classic L-30** - (Sodium Lauroyl Sarcosinate 30%) – Classic Surfactants is now definitely in the sarcosinate business. Let us know your requirements. Data, samples and pricing now available.

SPECIFICATIONS:

Appearance @ 25°C	Clear Liquid
Activity (Wt. %)	29.0-31.0 %
Color (APHA)	60 max
pH (10% Solution)	7.5-8.5
Sodium Laurate (%)	2% max
Total bacteria (cfu/g)	100 max

“Leave In” Hair Conditioners

We are often asked (considering our diverse line of cationics) which materials are suitable for “leave-in” applications. The answers are:

Maquat Cetac 30 (Cetrimonium Chloride) 30%

Maquat SL-5 (Dihydroxypropyl PEG-5 Linoleammonium Chloride) 40%

Both are easily incorporated clear liquids. Please inquire for more details on these materials.

Natural Thickener

Classicthix

INCI: Sclerotium Gum

A powdered all-natural polysaccharide for those “green” applications. Complete data, samples and pricing available. Classicthix gives additional properties to pigmented products, skin care, hair care and sun care formulations.

Did you know?

All of the following are available from Classic

Sodium Hyaluronate – Powder and 1% solution
Glycolic Acid 70% - Ultrapure
Intarome Fragrances – Repeat items stocked at Classic
Classic PE-9010 – Phenoxyethanol and ethylhexyl glycerine
Vitamin E Acetate – Still in a strong position at Classic
Brazil Nut Oil – Coming soon from JARCHEM
Certified Organic:

Oils

Canola Oil
Coconut Oil
Virgin Coconut Oil
Flaxseed Oil
Extra Virgin Olive Oil
Palm Kernel Oil
Rosehips Oil
Sunflower Oil
Safflower Oil
Almond Oil
Deodorized Jojoba Oil
Golden Jojoba Oil

Jarchem

Jarplex SB-30-O Organic Shea Butter
Jarplex CB-300 Organic cocoa Butter
Jarxotic AC-150 Organic Acai Oil
Jarxotic CU-EXO Organic Cupuacu Butter
Jarxotic MU-350 Organic Murumuru butter
Jarxotic UC-400 Organic Ucuuba Butter
Jarxotic AC-EXO Organic Acai Extract

S&P Wax

SP-420-ORG Organic White beeswax
SP-63- ORG Organic carnauba

Supply Evolution

Evolution means change

Please check with Classic when materials are discontinued, when sources change or distributors change due to mergers and corporate buyouts. Maybe you can still deal with someone you know. There are examples from our Classic history:

Former Supplier

AAK
Scher
Chemron

Now at Classic

Jarchem Innovative Ingredients
Alzo International
Classic Surfactants

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