

RAW S & RECIPES

READY TO USE

COSMETIC INGREDIENTS

AND
FORMULATIONS



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KİMYAGER

BATUHAN TUMAY



Ready to Use Cosmetic Ingredients and Formulations

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Turcolive Q95

NATURAL COSMETIC EMULGATOR

DESCRIPTION

Turcolive Q95 is a natural cosmetic emulsifier that can be used in a wide range of products, from hair care to skin care. It efficiently creates water and oil emulsions, producing emulsions that are 15% stronger compared to its competitors.

With an HLB value of 9.5, it excels in emulsions that are purely oil, purely water, or a 50% oil / 50% water mixture.

It can be used in hundreds of formulations, ranging from creams, lotions, shampoos, hair conditioners, and mineral scrubs to hair dyes and cream bases, and is composed solely of trans-bound olive oil triglycerides.



Turcolive Q95

Specifications

- **Supplied By:** Kimyager Batuhan Tümay®
- **Claims:** Emulsifiers, vegetal origin, mildness, bio-based, softness
- **INCI Names:** Cetearyl Olivat, Sorbitan Olivat
- **Appearance:** Solid/Waxy
- **Color:** Off-white/Yellowish-white
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Plant-based
- **Regulatory Status:** Safe for use
- **Bio Based:** Yes
- **Bio Based Content Comments:** Olive oil fatty acids-based
- **pH:** 6 – 10
- **Melting Point:** 75 °C

Applications/Recommended Use For:

- Skin Care
- Hair Care
- Cleaning

For creams and cleansers

the only emulgator



Put a pinch

- Create wonders with just a small amount of Turcolive Q95.
- It is compatible with all cosmetic/cleaning formulations ranging from 5% to 30%.

As you wish

- Whether you use oil or water, shape your formulas exactly how you like.
- Turcolive Q95 is the world's most powerful natural cosmetic emulsifier, capable of holding up to 10 times its volume in water and 5 times its volume in oil.

Moisturizing Hand Cream

GOAL OF THE FORMULA

The goal of this formula is to create a moisturizing and nourishing hand cream that effectively hydrates and softens the skin. By combining the moisturizing properties of olive oil, glycerin, and coconut oil, the formula aims to improve skin texture and provide long-lasting hydration.

HOW TO MAKE

1. Weigh 15 grams of Turcolive Q95 and heat it with 90 grams of distilled water at 80°C until it melts.
2. Stir the mixture until it becomes homogeneous.
3. Add 2 mL of olive oil and continue stirring.
4. Weigh 5 grams of coconut oil and add it to the mixture.
5. Weigh 5 mL of glycerin and add it to the mixture.
6. Stir until homogeneous.
7. Optionally, you can use essence or food coloring.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 80°C
- **Usage:** For external use only

INGREDIENTS

- Turcolive Q95
- Distilled Water
- Glycerine
- Coconut Oil
- Olive Oil

EFFECTS

- Moisturization
- Nourishment
- Barrier Protection
- Soothing



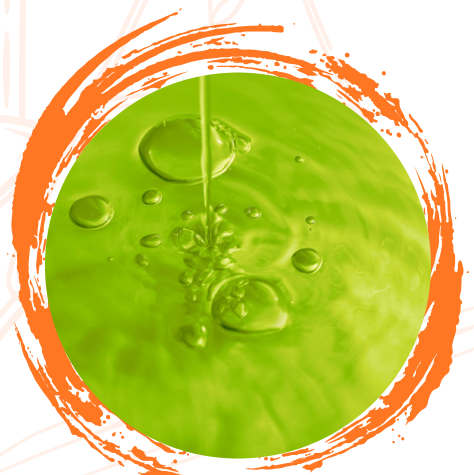
Betamiselin

PLANT-BASED NATURAL SURFACTANT

DESCRIPTION

Betamiselin is a plant-based surfactant derived from cinnamon tree bark and saponins found in corn husks.

This versatile ingredient is compatible with all cosmetic formulations, offering effective cleansing and foaming properties. Betamiselin is known for its ability to gently cleanse the skin while maintaining a mild pH between 5 and 7, making it suitable for sensitive skin products. Its transparent to opaque, green-brown appearance, accompanied by a characteristic cinnamon scent, adds a pleasant touch to personal care formulations. It is fully soluble in water and works well in a variety of cosmetic applications, including facial cleansers, shampoos, and body washes.



Betamiselin

Specifications

- **Supplied By:** Kimyager Batuhan Tümay®
- **Claims:** Plant-based surfactant, skin cleanser, foaming agent
- **INCI Names:** Beta-Cinnamoylglycine, Cinnamic Acid, Cinnamaldehyde
- **Appearance:** Transparent / Opaque / Colored
- **Color:** Colorless / Green-Brown
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Plant-based
- **Regulatory Status:** Safe for use
- **Bio Based:** Yes
- **Bio Based Content Comments:** Derived from cinnamon bark, corn husks
- **pH:** 5 – 7
- **Melting Point:** -1 °C
- **Boiling Point Range:** ~100°C
- **Flash Point:** >100°C

Applications/Recommended Use For:

- Cosmetics (Cleansers, shampoos, body washes, personal care formulations, foaming agents)

Make bubbles and cleaners

by a few surfactant



Bigger Bubbles

- Betamiselin can be used as a surfactant in all cosmetic and natural cosmetic products.
- Due to its hypoallergenic properties, it can be used in product formulations up to 50%, while the recommended ratio is up to 20%.

Less Irritation

- Betamiselin can be used in all bio-based gel cleansers without disrupting the structure of plant extracts.
- It is effective in liquid and spray form cleanser product formulations within a pH range of 3-8.

Makeup Removal Lotion

RECIPE

GOAL OF THE FORMULA

The goal of this product is to provide a gentle yet effective makeup removal while maintaining the skin's natural moisture. It aims to cleanse, hydrate, and soothe the skin, leaving it feeling soft, refreshed, and balanced.

HOW TO MAKE

1. Weight 20 grams of Turcolive Q95.
2. Add it to 80 mL of distilled water and heat at 80°C to dissolve.
3. Mix until it gets homogeneous.
4. Add 20 mL of Betamiselin to it.
5. Mix at low speed until homogeneous without foaming.
6. Optionally, you can add D-Limonene for a lemon scent or Linalyl Acetate for a lavender scent.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 80°C
- **Usage:** For external use only

INGREDIENTS

- Turcolive Q95
- Betamiselin
- Distilled Water

EFFECTS

- Gentle Cleansing
- Moisturizing
- Soothing and Calming
- Feeling Revitalized



Resinolen

PLANT-BASED RESIN ALCOHOL

DESCRIPTION

Resinolen is a transparent, viscous liquid composed mainly of Resinone and Dihydrogen Oxide.

This ingredient is commonly used in cosmetic formulations as an effective emulsifier and stabilizer, helping to enhance the texture and stability of products like creams, lotions, and serums.

Resinolen also plays a crucial role in the extraction of plant-based ingredients: by adding it to dry plant materials, it enables the efficient extraction of botanical compounds within hours. This makes it a versatile ingredient in both cosmetic and herbal formulation processes.



Resinolen

Specifications

- **Supplied By:** Kimyager Batuhan Tümay ®
- **Claims:** Emulsifier, stabilizer, texture enhancer, plant extract facilitator
- **INCI Names:** Resinone, Dihydrogen Oxide
- **Appearance:** Transparent Gel
- **Color:** Colorless/Greenish Yellow/Blue
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Plant-based
- **Regulatory Status:** Safe for use
- **Bio Based:** Yes
- **Bio Based Content Comments:** Resin Alcohol
- **pH:** 6.5 – 8.5
- **Melting Point:** -20 °C

Applications/Recommended Use For:

- Emulsifying agents in cosmetic formulations, skincare products (creams, lotions, serums).
- Texture enhancement in water-based products.
- Herbal extract production, dilution and thinning.

Prepare extracts and solutions

with an
alcoholic resin



Solve a lot

- With a mild pH range of 6.5 to 7.5, it is safe for skin contact and ideal for a wide range of personal care applications.
- Resinolen is fully soluble in water, can be used in concentrations up to 40%, and provides a smooth, non-irritating odor for sensitive skin formulations.

Viscose a bit

- Resinolen ensures that all your water, alcohol and aldehyde-soluble products have a high-concentration as thick, fluid-gel appearance.
- It makes the product gone homogenous, fully dissolved in solution.
- Also allows you to done extraction process for both oil and water based active ingredients during production process.

Nourishing Hair Conditioner

RECIPE

GOAL OF THE FORMULA

This nourishing hair conditioner aims to hydrate, repair, and strengthen hair, leaving it soft, shiny, and manageable. It restores moisture balance and enhances the overall health of the hair, making it ideal for dry or damaged hair. Extra benefits will depend on your future plant based mixtures and extracts.

HOW TO MAKE

1. Prepare a mixture of dried herbs of your choice and blend them.
2. Weigh 5 grams of the blended herbal mixture.
3. Add 20 grams of Resinolen and 10 grams of distilled water, then boil for 2 minutes.
4. After resting, filter once it cools down.
5. Measure 50 mL of distilled water and add your filtered herbal extract to it.
6. Measure 20 mL of Betamiselin, add it to the mixture, and stir.
7. Add 30 grams of Turcolive Q95 to 100 grams of distilled water, and mix by heating to 80°C until dissolved.
8. Mix your herbal extract with the cream base you've prepared at low speed until homogeneous.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 80°C
- **Usage:** For external use only

INGREDIENTS

- Resinolen
- Betamiselin
- Turcolive Q95
- Plant Extract
- Distilled Water

EFFECTS

- Deep Hydration
- Repairs & Strengthens
- Shine & Smoothness
- Nourishes Scalp

Viscoflora

PLANT-BASED VISCOSITY ENHANCER

DESCRIPTION

Viscoflora is a transparent, yellow gel that serves as a plant-based viscosity enhancer.

Composed of D-Glucopyranose and Dihydrogen Oxide, it effectively thickens and gels water and liquid formulations. It can be used in both cosmetic and food products, offering a natural solution for increasing viscosity.

In cosmetic formulations, it is typically used at concentrations ranging from 5% to 30% in the water phase. Viscoflora is water-soluble, low in volatility, and odorless, making it a versatile ingredient for a wide range of applications.



Viscoflora

Specifications

- **Supplied By:** Kimyager Batuhan Tümay ®
- **Claims:** Viscosity enhancer, gelling agent
- **INCI Names:** D-Glucopyranose, Dihydrogen Oxide
- **Appearance:** Transparent/Yellow Gel
- **Color:** Colorless/Yellow
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Plant-based
- **Regulatory Status:** Safe for use
- **Bio Based:** Yes
- **Bio Based Content Comments:** A significant portion
- **pH:** 6.5 – 8.5
- **Melting Point:** >300 °C

Applications/Recommended Use For:

- Cosmetics (moisturizers, serums, cleansers)
- Food products
- Viscosity boosting in aqueous formulations.

Have serum and syrup

with few emulsifier



Thick a Lot

- Viscoflora makes your cosmetic and supplement formulation thicker than ever, use only up to %30 of formulation.
- It works on all water-based mixtures in pH between 3-10.

Viscose a bit

- Viscoflora ensures that all your water-soluble products have a high-concentration, thick, fluid-gel appearance.
- This improves the product's sensory experience and enhances your customer's perception of quality.

Salt-Free Natural Shampoo

GOAL OF THE FORMULA

This natural, salt-free shampoo gently cleanses the hair and scalp, maintaining moisture and preventing dryness and breakage. Its vegan and eco-friendly formula nourishes all hair types, promoting healthy shine without harmful chemicals.

HOW TO MAKE

1. Weigh and mix 60 grams of Distilled Water and 20 grams of Viscoflora.
2. Add 30 grams of Betamiselin as the surfactant and mix on low speed without frothing.
3. Measure and add 0.5 grams of glycerin and 15 grams of Resinolen.
4. Mix until the mixture seem homogeneous.
5. Optionally, you can add 1 mL of any essential oils.
6. If coloring is necessary, prefer plant-based food colorants.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 20°C
- **Usage:** For external use only

INGREDIENTS

- Viscoflora
- Betamiselin
- Resinolen
- Distilled Water
- Plant-Based Glycerin

EFFECTS

- Moisture Retention
- Hair Strengthening
- Shine & Vitality
- Scalp Health

Perfloran

PERFUMER'S ALCOHOL

DESCRIPTION

Perfloran is a versatile liquid primarily composed of Ethanol, Sodium Diacetate, and Propanol. This product is widely used in the fragrance industry as a perfumery alcohol, but its applications extend to various other industries.

In cosmetics, it serves to clarify products, create transparent soaps, and dilute oils, making it essential for skin care formulations. Additionally, Perfloran is effective in the extraction of botanical compounds and the production of dyes, offering a range of benefits in both industrial and personal care formulations. It is a transparent, slightly cloudy liquid with a mild alcohol odor and is fully soluble in water, alcohol, and ethers.



Perfloran

Specifications

- **Supplied By:** Kimyager Batuhan Tümay ®
- **Claims:** Fragrance solvent, clarifying agent, oil diluent, plant extraction.
- **INCI Names:** Ethanol, Sodium Diacetate, Propanol
- **Appearance:** Transparent / Slightly Cloudy
- **Color:** Colorless
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Synthetic
- **Regulatory Status:** Safe for use
- **Bio Based:** No
- **Bio Based Content Comments:** N/A
- **pH:** 6 – 8
- **Melting Point:** >300 °C
- **Boiling Range:** 180°C
- **Flash Point:** 12°C

Applications/Recommended Use For:

- Perfumery alcohol, extract and dye production, cosmetic clarifying agent, transparent soap production, oil dilution, skin care formulations.

For perfumes and lotions

ready to use
alcohol mixture



Put a Drop

- Perfloran is directly added in cosmetic and pharmaceutical formulations to help dilute the formula.
- It enhances the absorption rate of your products on the skin or makes them more volatile.

Make a Perfume

- Perfume making is easier than ever with Perfloran.
- No need to work with a special formula;
Simply add 2 to 10 mL of any essence to 100 mL of Perfloran.

Bamboo Reed Diffuser

RECIPE

GOAL OF THE FORMULA

This reed diffuser aims to create a naturally fragrant and refreshing atmosphere in any space. Made with high-quality essential oils, it provides a long-lasting, soothing scent while offering a chemical-free, subtle freshness with the help of bamboo sticks.

HOW TO MAKE

1. Measure 60 mL of Resinolen.
2. Add 40 mL of Perfloran to it.
3. Stir until homogeneous.
4. Add 2 mL of your fragrance mixture.
5. Stir at high speed until completely transparent.
6. If necessary, add some colorant.
7. Let it rest for 2 days.
8. If phase separation occurs due to your fragrance, use 8 mL of Turcolive A20 to eliminate the separation.
9. Fill your bottles and serve with bamboo sticks.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 20°C
- **Usage:** For external use only

INGREDIENTS

- Perfloran
- Resinolen
- Essence
- Bamboo Sticks
- Turcolive A20 (If necessary)

EFFECTS

- Long-Lasting Freshness
- Natural Aroma
- Elegant Ambiance
- Chemical-Free



Turcolive A20

NATURAL COSMETIC PHASE BALANCER

DESCRIPTION

Turcolive A20 is a powerful, alcohol-free natural cosmetic emulsifier that allows you to mix oil and water homogeneously and transparently.

It allows you to infuse the strength of your active ingredients into water with just trace amounts of precious oils, helping to reduce your costs

By using just a small amount of Turcolive A20, you can easily turn liquid carrier oils into solids, extend their shelf life, or transform your actives into a solid gel for storage. On the other hand, by using higher amounts, you can dilute your oils until they become volatile, and then ensure they fully dissolve in water.



Turcolive A20

Specifications

- **Supplied By:** Kimyager Batuhan Tümay®
- **Claims:** Oil in water emulsifier, Viscosity enhancer, gelling agent
- **INCI Names:** Glucono- δ -lactone, Xylitol, Aloe vera
- **Appearance:** Transparent/Yellow Liquid
- **Color:** Pale Yellow
- **Product Status:** Commercially available
- **Origin/Nature:** Türkiye/Plant-based
- **Regulatory Status:** Safe for use
- **Bio Based:** Yes
- **Bio Based Content Comments:** A small portion
- **pH:** 6 – 8
- **Melting Point:** 120 °C

Applications/Recommended Use For:

- Cosmetics (moisturizers, serums, cleansers)
- Food products
- Viscosity boosting in aqueous formulations.

To eliminate phase separation

hydrogenate everything



Change solubility

- It helps in clarifying your products, preventing phase separation, and converting hydrophilic ingredients into lipophilic ones.
- It stands out with its technology that allows dissolving oil in water with 98% transparency.

Dose-dependent ending

- It also adjusts its functionality based on the amount you use.
- By mixing 50% oil and 50% Turcolive A20, you can transform your oils into gel cream.
- By mixing 15% oil and 85% Turcolive A20, you can convert oils into transparent gel. When you add water and boil, you can obtain 100% hydrogenated oils and oil-water emulsions.

Brightening Toner

RECIPE

GOAL OF THE FORMULA

This toner, enriched with Vitamin C, brightens the skin and evens out the complexion. It helps reduce dark spots and prevents comedone formation, leaving the skin clearer and smoother. Ideal for all skin types, it provides hydration and prepares the skin for further care.

HOW TO MAKE

1. Measure 36 grams of Turcolive A20.
2. Prepare a mixture of vegetable oils from your preferred oils and weigh 4 grams.
3. Measure 200 mL of distilled water.
4. Mix Turcolive A20, the vegetable oil mixture, and distilled water until homogeneous.
5. Heat and stir at 80°C until transparent.
6. Let the mixture rest and then add 10 mL of Perfloran.
7. Add 5 grams of citric acid and mix.
8. Add 1 gram of Ascorbic Acid and mix.
9. Add 0.05 mL of fragrance.
10. You can optionally add a colorant.



SPECIFICATIONS

- **Shelf-Life:** 12-24 Months
- **Storage Condition:** Avoid sunlight
- **Temperature:** 20°C
- **Usage:** For external use only

INGREDIENTS

- | | |
|-------------------|-----------------|
| • Turcolive A20 | • Vegetable Oil |
| • Perfloran | • Fragrance |
| • Ascorbic Acid | • Colorant |
| • Citric Acid | |
| • Distilled Water | |

EFFECTS

- Brightens & Evens Skin Tone
- Prevents Comedones
- Hydrates & Refreshes
- Improves Skin Texture

**Ask for
your need**



Get Free Online Assistance

Contact us to get free cosmetic formulas and support.

For Any Formulation
www.batuhantumay.com



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