

FORMAT IMPRESA SRL

Via M. del Monaco 9 – 61121 Pesaro - Italy

Thanks to the international trade relations, Format Impresa Company is able to produce a wide range of raw materials for the cosmetics industry or supply them from the most reputable sources and deliver them to its customers all over the world in the shortest possible time.

Below you can see information about some products. Obviously, these are not all products and information about any other product is sent at the customer's request.

SODIUM LAURYL SULFATE

Sodium Lauryl Sulfate (SLS) is a surfactant commonly used for a wide variety of personal care applications including bath and shower gels, facial cleansers, shampoos, and toothpastes. SLS serves as a foaming agent in products such as aerosol shaving foams. SLS is also used in cleaning applications such as laundry detergents or degreasers.

SALES SPECIFICATIONS

CAS Number: 151-21-3

PROPERTY	LIMITS
Appearance	Granule or Needle
Odor	Mild Surfactant
Active Matter, %	93 Minimum
pH (1% soln in DW)	8 to 11

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Moisture, % (KF)	4 Maximum
Sodium Sulfate, %	1.5 Maximum
Alkalinity as NaOH, %	0.4 Maximum
Free Oil, %	2.0 Maximum
Color, %T (5% AI @ 1 cm pathlength)	98 Minimum

MINERAL OIL – 100-W

Mineral Oil 100 W is an ideal blending base for a variety of personal care products. This highly refined oil is colorless, tasteless, and odorless making it easy to use in many formulations as a lubricant, softener, and extender. Mineral Oil 60 W is available in USP and NF grades.

SALES SPECIFICATIONS

CAS Number: 8012-95-1

PROPERTY	LIMITS
Viscosity SUS @ 100 °F	105
Viscosity cSt @ 40 °C	20
Viscosity cSt @ 100 °C	3.9 – 4.3
API Gravity	33.8
Specific Gravity @ 60 °F	0.86
Density lb/ gal. @ 60 °F	7.13
Pour Point °F (°C)	10 (-12) Maximum
Flash Point °F (°C) COC	390 (199) Minimum

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Color Saybolt

+30

METHYL PARABEN NF

Methyl Paraben is an widely used antimicrobial and preservative used in a wide variety of foods and personal care products.

SALES SPECIFICATION

CAS Number: 99-76-3

This

PROPERTY	LIMITS
Description	White, odorless crystalline powder
Identification	Conforms
Identification A	Passes Test
Clarity and Color of Solution	Passes Test
Assay, %	98.0 –102.0
Melting Point Range, °C	125.0 –128.0
Related Substances, %	Conforms (0.5)
Acidity	Passes Test
Residue on Ignition, %	0.1 maximum

material is intended for use in pharmaceutical and cosmetic applications.

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GLYCERIN, SYNTHETIC – USP, EP, BP, JP

Glycerin is a versatile and widely used humectant, thickener, lubricant, solvent, and sweetener used in many food, pharmaceutical, and personal care applications. Additional applications include use as an antifreeze or a chemical intermediate. Glycerin can be derived from natural, renewable sources, as a byproduct of biodiesel, or it can be synthetically created.

SALES SPECIFICATIONS

CAS Number: 8043-29-6

PROPERTY SPECIFICATIONS

Assay (C ₃ H ₈ O ₃ ; Anhydrous Basis), %	99.0-101.0
Specific Gravity @ 25 °C	1.258 Minimum
Water, %	2.0 Maximum
Readily Carbonizable Substances	To Pass Test
Residue on Ignition, %	0.01 Maximum
Appearance of Solution	To Pass Test
Chloride (Cl), %	0.001 Maximum
Sulfate (SO ₄), %	0.002 Maximum
Heavy Metals (as Pb), ppm	5 Maximum
Refractive Index	1.470-1.475
Organic Volatile Impurities	To Pass Test
Color	To Pass Test
Chlorinated Compounds (as Cl), ppm	30 Maximum
Ammonium	To Pass Test
Fatty Acids and Esters	To Pass Test

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Diethylene Glycol and Related	To Pass Test
Compounds	
Calcium	To Pass Test
Acidity or Alkalinity	To Pass Test
Arsenic, ppm	2 Maximum
Acrolein, Glucose or other Reducing	
Substances	To Pass Test
Aldehydes and Reducing Substances	To Pass Test
Sugars	To Pass Test

ACETYL TRIBUTYL CITRATE

Acetyl Tributyl Citrate (ATBC) is used as a biodegradable plasticizer for PVC and cellulose derivatives, and it is approved for food contact materials and can even be used as a food additive. ATBC is also used as an emollient for personal care/cosmetics products such as aerosol hair sprays and nail polishes. In addition, ATBC can be used for pharmaceutical coatings (USP grade available), lubricants, and inks

SALES SPECIFICATIONS

CAS Number: 77-90-7

PROPERTY	LIMITS
Color	30 Maximum
Acidity (citrate acid), mg KOH/g	0.02 Maximum
Water, %	0.25 Maximum
Specific Gravity @ 25 °C	1.045-1.055
Refractive Index @ 25 °C	1.4410-1.4425

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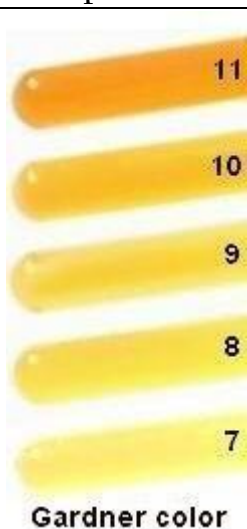
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Heavy Metal, mg/kg	10 Maximum
Arsenic, mg/kg	1 Maximum
Turbidity, NTU	2 Maximum
Assay, %	99.0 Minimum

ANHYDROUS LANOLIN

Description



It is a product obtained by refining of the wool fat.

Chemically it is a wax that is a mixture of esters of long chain carboxylic acids with high molecular weight alcohols. It also has small amounts of free fatty acids, alcohol and hydrocarbons.

Waxy solid, of pale aspect, Gardner colour maximum 9 (measured on the melted product, according to norm ASTM D1544).



Properties and applications

Lanolin is stable and soluble in aliphatic, aromatic and chlorinated hydrocarbons. Due to its emollient and emulsive properties, as well as having low chemical reactivity, it is widely used in cosmetics and pharmaceutical preparations.

It produces very stable water emulsions in oil, characteristic that have made it an essential component in excipients of medicines.

In hair preparations it is used to prevent dandruff, dryness and fragility; it replaces the natural lipids of the skin.

It has an effective performance in moisturizing preparations. It is also used as crystallization inhibitor in lipsticks, as super fatting agent for soaps, etc.

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Packing

190 and 50 kg. metallic drums, 18.5 kg. plastic drums.

Storage

Temperatures over 80 °C must be avoided over large periods to prevent product deterioration. Keep the drums closed.

ANHYDROUS LANOLIN

Aspect	Solid yellow paste
Color	Gardner 9 max
Odor	Characteristic
Acidity (mgKOH/g)	1 max.
Melting point (°C)	38-44
Iodine value (gI ₂ /100g)	18-36
Residue on ignition (%)	0.1 max
Water (%)	0.25 max
Water absorption (%)	200 min
Petrolatum	USP42
Water-soluble acids and alkalies	USP42
Water-soluble oxidizable substances	USP42
Ammonia	USP42
Alkalinity	USP42
Chloride	USP42

*NOTE: This specification can be used for cosmetic grade anhydrous lanolin.

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Edition	Date	Change control
00	20/05/2010	First edition
01	28/10/2011	Update based on USP 34 NF 29 and inclusion of table Revision history.
02	27/07/2015	Update based on USP 38 NF 33
03	29/03/2019	Update based on USP 41 NF 36
04	08/10/2019	Update based on USP 42 NF 37. Note was added

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