



# Global Specialty Ingredients

## PRODUCT LIST

Issued On 01/01/2014

*Your Innovation Our Solution*  
**GLOBAL SPECIALTY INGREDIENTS (M) SDN BHD (832177-M)**  
Lot No 202, Jalan Sungai Pinang 5/7, Pulau Indah Industrial Park Phase 2A,  
42920 Port Klang, Selangor Darul Ehsan, Malaysia  
Tel: 006 03 3101 3500 Fax: 006 03 3101 4500  
Email: [gsi@gsi-worldwide.com](mailto:gsi@gsi-worldwide.com)



## Product List Summary

Product Category	Products \ Brand Name
Vitamins , Colors	BETA-CAROTENE
Colors	FOOD COLOUR - SYNTHETIC
Colors	LAKE COLOURS
Colors	BLENDED FOOD COLOURS
Colors	FD & C COLOURS
Colors	FOOD COLOUR - NATURAL
Colors	SALT FREE COLOUR
Colors	PIGMENTS



## Product Name: **BETA CAROTENE.**

### Product Statement:

$\beta$ -Carotene – **BETA CAROTENE** is a strongly-colored red-orange, fat-soluble compound belonging to the Carotenoid group. It is a precursor of Vitamin A that occurs naturally in plants and fruits. It has potent antioxidant characteristics that can protect cells from the damaging effects of free radicals. Various forms of Beta-Carotene have been created based on customer's requirement and specifications.

### Application:

Beta-Carotene Formulations	Description	Application	Characteristics
Beta-Carotene 30% (corn oil) Beta-Carotene 30% Sun (sunflower oil) Beta-Carotene 30% Soy (soybean oil)	Suspension	Soft-gelatine capsules Fortification/ coloration of oil-based foods.	Yellow to orange colour.
Beta-Carotene 22% LF (corn oil)	Suspension	Fortification/ coloration of oil-based foods such as pop corns and frying oil.	Heat Stable. Yellow to orange colour.
Beta-Carotene 1% SD Beta-Carotene 5% SD	Spray-dried powder	Coloration of water based foods, beverages and instant products.	Yellow to yellow-orange colour.
Beta-Carotene 10% DG (modified starch) Beta-Carotene 10% DG/F (fish gelatine)	Beads	Fortification/ coloration of water based food and beverages.	Yellow-orange to orange colour.
Beta-Carotene 10% DC (porcine gelatine) Beta-Carotene 20% DC (porcine gelatine)	Beads	Directly-compressed tablets.	Yellow-orange to orange colour.
Beta-Carotene 10% DC/AF (modified starch) Beta-Carotene 20% DC/AF (modified starch)	Beads	Directly-compressed tablets, Fortification of nutritional bars.	Yellow-orange to orange colour.
Beta-Carotene Emulsion 1 % Beta-Carotene Emulsion 2 % Beta-Carotene Emulsion 5 % Beta-Carotene Emulsion 10 %	Emulsion	Fortification/ coloration of water based foods and beverages.	Yellow to yellow-orange colour.
Beta-Carotene 1% SD/C	Spray-dried powder	Coloration of clear beverages, water-based foods, and instant products.	Yellow to yellow-orange colour

### Certifications:

**BETA CAROTENE** range products are being certifies for following standards and Certifications: - Halal Cert & Kosher Cert.



## Product Name: **FOOD COLOURS - Synthetic Food Colours**

Colours	EEC No.	C.I.	Concentration %	Industrial Name	FD & C Certified
TARTRAZINE	E102	19140	85	Acid Yellow 23	Yellow #5
QUINOLINE YELLOW	E104	47005	70	Acid Yellow 3	
SUNSET YELLOW	E110	15985	85		Yellow #6
CARMOISINE	E122	14720	85	Acid Red 14	
AMARANTH	E123	16185	85	Acid Red 27	
PONCEAU 4R	E124	16255	80	Acid Red 18	
ERYTHROSINE	E127	45430	87	Acid Red 51	Red #3
ALLURA RED AC	E129	16035	85		Red #40
PATENT BLUE V	E131	42051	85	Acid Blue 3	
INDIGO CARMINE	E132	73015	85		Blue #2
BRILLIANT BLUE FCF	E133	42090	85	Acid Blue 9	Blue #1
GREEN S	E142	44090	80	Acid Green 50	
CHOCOLATE BROWN HT	E155	20285	70		
BRILLIANT BLACK BN	E151	28440	80		
FAST RED E		16045	85		

### Product Statement:

**SYNTHETIC FOOD COLOURS** are water soluble which are of high purity and has an application in Foodstuff Industries in accordance with various regulations. **SYNTHETIC COLOUR** offers its customer several competitive advantages by offering high stability level, high staining strength and good reproducibility.

### Application:

**FOOD COLORS** has wide acceptance for the applications in Food & Beverages, Confectionery, Bakery products, Alcoholic & Non-Alcoholic Drinks, Toothpaste, Washing Powder, Pharmaceuticals, Writing Inks, Crayon Colors, Toiletry Products, Animal Feeds, Identification of Agricultural seeds etc.



## Product Name: LAKE COLOURs - Synthetic Food Colours

Colours			Product Name	C.I.No.
12-18%	22-28%	35-42%		
			LAKE TARTRAZINE	19140:1
			LAKE SUNSET YELLOW	15985:1
			LAKE ALLURA RED	16035:1
			LAKE AMARANTH	16185:1
			LAKE BRILLIANT BLACK PN	28440:1
			LAKE BRILLIANT BLUE FCF	42090:1
			LAKE CARMOISINE	14720:1
			LAKE CHOCOLATE BROWN HT	20285:1
			LAKE ERYTHROSINE	45430:1
			LAKE FAST RED E	16045:1
			LAKE GREEN S	44090:1
			LAKE INDIGO CARAMINE	73015:1
			LAKE PATENT BLUE V	42051:1
			LAKE PONCEAU 4R	16255:1
			LAKE QUINOLINE YELLOW	47005:1

### Product Statement:

**LAKE COLOURS** are in the form of water insoluble and offer more stability than dyes and are ideal for coloring products containing fats and oils or items lacking sufficient moisture to dissolve dyes. They are basically the pigment which is prepared from a primary water soluble colorant under an aqueous environment. **LAKE COLOURS** are offered in the finer particles which build the Staining Strength and helps in less Bleeding. These Lake Colors are available in three concentrations 12-18 %, 22-28% and 35-42%.

### Application:

Pharmaceuticals, Bakery Products, Coated and Compressed Tablets, Sugar & Fondant Icings, Wet Granulations, Oil-based Coatings, Capsules frosting sugars, Ointments, Cosmetic & Personal Care Products, Lotions Creams, Wax Coatings for Cheese, Powders Yogurts, Lipsticks, Variegating Sauces, Eyeliners & Eye Shadows, Tooth Powders, Dairy Products, Retorted Milk Products, Spice Compounds, Snack Foods, Confectionery, Dry Beverage Bases, Chewing Gum, Dessert Powders, Coated Candies, Gum Products, Wafers, Pet Foods, Cigarettes filter etc.



**Product Name: BLENDED FOOD COLOURS - Synthetic Food Colour**

Colours	Colours	Colours
AGRICULTURAL GREEN	COCHONEAL RED	RASPBERRY RED
APPLE GREEN	COFFEE BROWN	ROSE PINK
AQUA BLUE	DARK ORANGE	ROYAL BLUE
BLACK COLA	EGG YELLOW	SAFRON
BLACK CURRENT	GRAPE JUICE	STRAWBERRY RED
BRIGHT PINK	LEMON YELLOW	SWEET YELLOW
BUTCHER'S RED	LIME GREEN	TOMATO RED
CARAMEL	ORANGE RED	VINO
CHOCOLATE BROWN	PEA GREEN	YOLK YELLOW

<b>Product Statement:</b>	Color Blends is basically the mixture of two or more water-soluble color. Denim offers wide range of Color Blends to its customers. We can also developed blended colours as per the client's requirement.
<b>Application:</b>	<b>FOOD COLORS</b> has wide acceptance for the applications in Food & Beverages, Confectionery, Bakery products, Alcoholic & Non-Alcoholic Drinks, Toothpaste, Washing Powder, Pharmaceuticals, Writing Inks, Crayon Colors, Toiletry Products, Animal Feeds, Identification of Agricultural seeds etc.



**Product Name: FD & C COLOURS - Synthetic Food Colour**

Colours	FD & C Certified	C.I.	Concentration %	EEC No.
TARTRAZINE	Yellow#5	19140	85	E 102
SUNSET YELLOW	Yellow#6	15985	85	E 110
ERYTHROSINE	Red#3	45430	87	E 127
ALLURA RED AC	Red#40	16035	85	E 129
INDIGO CARMINE	Blue#2	73015	85	E 132
BRILLIANT BLUE FCF	Blue#1	42090	85	E 133

**Product Statement:**

**FD&C COLOURS** are certified colors approved for use in the United States for Food, Pharmaceuticals, Cosmetic and Personal Care Industries. These **FD&C COLOURS** are water soluble and are certified by US-FDA (Food Drug and Administration).



## Product Name: **FOOD COLOUR – Natural Food Colour**

Colours	EEC No.
Caramel Type I Plain ( Scotch Grade )	E 150 A
Caramel Type III Beer Grade	E 150 C
Caramel Type IV Single Strength	E 150 D
Caramel Type IV Double Strength	E 150 D
Caramel Powder Food Grade Double Strength	E 150 D
Annatto Oil Soluble (1.5% Bixin)	E 160b/75120
Annatto Water Soluble (1.5% Nor - Bixin)	E 160b/75120
Annatto Nor Bixin Powder (1.5% Nor - Bixin) - (Kesar Orange / Kesar Mango)	E 160 B
Turmeric Colour 5% Powder	E 100/75300
Red Beet Juice Powder (0.3% to 0.45 Betanine)	E 162/75470
Paprika Colour Water Soluble 40,000 i.u.	E 160c
Paprika Colour Water Soluble 40,000 i.u (Powder)	E 160c
Paprika Colour Oil Soluble 40,000 i.u	E 160c
Chlorophyll Green colour Oil Soluble	E 141/75810
Chlorophyll Green Colour Water Soluble	E 141/75810
Anthocyanin Colour Powder	E 163
Safflower Yellow Colour	-
Beta Carotene	E 160A

### Product Statement:

**NATURAL FOOD COLOURS** are obtained from fruits and vegetables. These natural colours include the red from paprika fruits, yellow from turmeric roots, orange red of annatto seeds, yellow-orange from marigold flowers and green from leaves. According to the application a suitable **NATURAL COLOUR** can be achieved by keeping in mind the factors such as pH, heat, light, storage and the other ingredients. All **NATURAL FOOD COLOURS** are available in water soluble and dispersible forms for use in water based products and applications. They can also be provided in powder form. These **NATURAL COLOURS** are also available in spray dried forms for specific applications.

### Application:

**NATURAL FOOD COLOURS** has wide acceptance for the applications in Food & Beverages, Confectionery, Bakery products, Alcoholic & Non-Alcoholic Drinks, Toothpaste, Washing Powder, Pharmaceuticals, Writing Inks, Crayon Colors, Toiletry Products, Animal Feeds, Identification of Agricultural seeds etc.





**Product Name: SALT FREE COLOUR**

Colours	EEC No.	C.I.
TARTRAZINE	E102	19140
QUINOLINE YELLOW	E104	47005
SUNSET YELLOW	E110	15985
CARMOISINE	E122	14720
PONCEAU 4R	E124	16255
BRILLIANT BLUE FCF	E133	42090
BRILLIANT BLACK BN	E151	28440
FOOD BLACK		27755

**Product Statement:** SALT FREE COLORS are highly concentrated dyes specifically manufactured for applications in ink and photographic industry.



## Product Name: **PIGMENTS**

### Product Range

Pigment Blue 15:0	APPLICATIONS
Decol Blue 15:0	Water Base Flexi Inks, Water Base Paints, Textile & PVC

Pigment Blue 15:1	APPLICATIONS
DECOL BLUE 15:1 - PM	Plastic Master batch
DECOL BLUE 15:1 - P	Alkyd & Paints

Pigment Blue 15:3	APPLICATIONS
DECOL BLUE 15:3 - INKS	Offset Ink, Alkyd Paints, Water Base Paints
DECOL BLUE 15:3 - ALL (L&P)	All Kinds of Liquid Inks & All Kinds of Paints

Pigment Blue 15:4	APPLICATIONS
DECOL BLUE 15:4 - INKS	Polyamide & N/C Inks
DECOL BLUE 15:4 - PAINTS	Automotive Refinish & Alkyd Paints

Pigment Green 7	APPLICATIONS
DECOL GREEN 7 - INKS	Plastic Master batch
DECOL GREEN 7 - PAINTS	Alkyd & Paints
DECOL GREEN 7 - PM	Colour Master batch

### Product Statement:

DECOL's **PIGMENTS** is now being considered to be the benchmark in terms of quality with the World Renowned Printing Ink, Paint and Plastic Master Batch Manufacturers.

With a dual ISO 9001 Certification, our products are exported to more than 15 countries. An ultra-modern R&D facility being an integral part of our State of Art manufacturing facility, we are confident of making products of highly demanding specifications.