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## SECTION 1 – PRODUCT IDENTIFICATION

**TRADE NAME:** OMG Pigments  
**CODE:** Organic & Inorganic Colors  
**COLOR NAME:** Infinity

### DESCRIPTION

Purified colors are colorants manufactured for use in a variety of food, drug and cosmetic applications. These products include U.S. FDA Certified Organic Colorants and Purified Inorganic Colorants as outlined in 21 CFR parts 73 & 74.

Product for professional use in accordance to the ResAP (2008) 1.  
Safety profile according to EC Regulation 1907/2006 REACH

## SECTION II – COMPOSITION OF INGREDIENTS

### Color name: Infinity

Sterile water, Glycerin, Ethanol, Distilate, Iron Oxide  
CI:77499, 77491, 77492, 77891, 19140:1, 77288

This product is not considered to be a hazardous substance as defined under OSHA's Hazard Communication Standard (29 CFR 1910.1200). Refer to 'Ingredient Sheet' for the complete specific list of ingredients for color/shade.

### The main ingredients are as follows:

Inorganic Pigments: Iron Oxides, Glycerin, Ethanol, Purified Water (Aqua). May Contain: Titanium Dioxide, Ultramarine Blue & Violet, Chromium Oxide Greens and Chromium Hydroxide Greens.

Organic Pigments: Iron Oxides, Glycerin, Ethanol, Purified Water (Aqua). May Contain: Titanium Dioxide, Chromium Oxide Greens and Chromium Hydroxide Greens, Certified D&C & FD&C Dyes. Refer to 'Ingredient Sheet' for specific Organic ingredient listing.

## EINECS NUMBERS MOLECULAR FORMULAS & CAS NUMBERS

EINECS No.: 236-675-5: Titanium Dioxide (TiO<sub>2</sub>) CAS No.: 13463-67-7  
EINECS No.: 235-442-5: Black Iron Oxide (Fe<sub>3</sub>O<sub>4</sub>)  
CAS No.: 12227-89-3  
EINECS No.: 215-609-9: Carbon Black (D&C Black 2)  
CAS No.: 1333-86-4  
EINECS No.: 215-168-2: Red Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) CAS No.: 1332-37-2  
EINECS No.: 2152780: Yellow Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) CAS No.: 51274-00-1  
EINECS No.: 215-160-9: Chrome Oxide Green (Cr<sub>2</sub>O<sub>3</sub>)  
CAS No.: 1308-38-9  
EINECS No.: 215-160-9: Hydrated Chrome Oxide Green (Cr<sub>2</sub>O<sub>3</sub>.H<sub>2</sub>O)  
CAS No.: 12001-99-9  
EINECS No.: 3099283: Ultramarine Blue & Violet  
CAS No.: 12769-96-9; 57455-3735  
EINECS No.: 239-897-0: FD&C Blue No. 1 Aluminum Lake  
(C<sub>37</sub>H<sub>34</sub>N<sub>2</sub>O<sub>9</sub>S<sub>3</sub>.Al)  
CAS No.: 15792-67-3  
EINECS No.: 241-806-4: D&C Red No. 6 Barium Lake  
(C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>SNa<sub>2</sub>.Ba)  
CAS No.: 17852-98-1; 8050-09-7; 5858-81-1  
EINECS No.: 231-754-4: Barium Sulfate  
CAS No.: 7727-43-7  
EINECS No.: 2318209: Sodium Sulfate  
CAS No.: 7757-82-6  
EINECS No.: 232-475-7: Rosin  
CAS No.: 8050-09-7  
EINECS No.: 2261095: D&C Red No. 7 Calcium Lake  
(C<sub>18</sub>H<sub>12</sub>N<sub>2</sub>O<sub>6</sub>S.Ca)  
CAS No.: 5281049; 8050-09-7  
EINECS No.: 240-569-4: D&C Red No. 21 Aluminum Lake  
(C<sub>20</sub>H<sub>8</sub>O<sub>5</sub>Br<sub>4</sub>.Al)  
CAS No.: 15086-94-9  
EINECS No.: 282-941-9: D&C Red No. 27 Aluminum Lake



immediately with an inert substance such as sand or earth. Use plastic or aluminum shovel to transfer diluted waste material into appropriate containers for disposal.

Materials, which cannot be recycled into your process, should be land filled in accordance with Federal, State and Local environmental control regulations.

## SECTION VIII – HANDLING AND STORAGE

### Handling

Tips for Safe Handling:

Avoid employee exposure through the use of appropriate engineering controls and good industrial hygiene practices. Ensure good ventilation. Keep away from sources of ignition – Do not smoke. Keep away from heat, sparks, and flame. Take measures against electrostatic charging, if appropriate. Observe directions on label and instructions for use. Only use working methods according to operating instructions.

### Storage

Requirements for Storage Rooms and Containers:

Store in a moderately cool, dry, well-ventilated area: 4° C to 32° C (40° F to 90° F) away from direct sources of heat. Keep away from sources of ignition. Take measures against electrostatic charging, if appropriate. Empty containers may contain product residues and should be handled appropriately. Position containers so that any labeling information is visible.

Special Precautions & Storage Data:

Average Shelf Life: Up to 10 years when Unopened

Usage After Open: Up to 12 months when Opened

Special Sensitivity: Avoid Extreme Temperatures

(Heat; Light; Moisture)

Handling & Storage: Store away from food and beverages. Avoid contact with eyes and skin. Wash thoroughly after handling.

## SECTION IX - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering Controls

The use of local exhaust ventilation is not required. Mechanical (General) ventilation should be provided.

### Personal Protection

**Raw Powders: (should liquid pigment dry to powder form)**NIOSH approved dust respirators are recommended when handling in areas of pigment powder dusting. Safety glasses are also recommended. Impervious clothing should be worn when gross contact is likely, such as when cleaning up spills of large amounts.

### Liquid Pigments

None required in well-ventilated areas.

### Eye Protection:

Safety glasses. Tight fitting protective goggles with side protection. Chemical splash goggles.

### Hand Protection:

Protective nitrile gloves. Rubber, cloth or plastic gloves if appropriate for job conditions.  
Butyl rubber, PVC or Neoprene.

### Skin Protection:

Protective working garments (e.g. safety shoes, long-sleeved protective working garments).

### Respiratory Protection:

**Raw Powders: (should liquid pigment dry to powder form)**Use NIOSH approved respiratory protection where exposure levels exceed regulatory limits for hazardous components and/or for nuisance dust.

**Liquid Pigments:** None required in well-ventilated areas.

**Other Protective Equipment:** None Known.

**Other:** Eye wash stations and washing facilities should be available. Employees should wash their hands and face before & after eating, drinking or using tobacco products.

### Exposure Limits

There are no ACGIH TLV's or OSHA PEL's established for this product.

The OSHA PEL for nuisance dust is 15 mg/m<sup>3</sup> (total dust), and 5 mg/m<sup>3</sup> (respirable dust) recommended. The recommended ACGIH TLV for nuisance dust is 10 mg/m<sup>3</sup>.

## SECTION X - PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL APPEARANCE:** Liquid



**COLOR:** According to specification  
**ODOR:** Slight Alcoholic  
**pH:** 4-10 (water extract) **pH-VALUE UNDILUTED:** Not applicable **RELATIVE DENSITY:** Not applicable  
**MELTING POINT:** No data  
**SPECIFIC GRAVITY:** 4.5-5.2  
**SOLUBILITY:** Mixable  
**PERCENT VOLATILE:** None  
**VAPOR PRESSURE:** Not applicable  
**BOILING POINT:** No data  
**VOLATILE ORGANIC COMPOUNDS (VOC's) (EPA METHOD 24/24A):** None

## SECTION XI - STABILITY AND REACTIVITY

### GENERAL:

This product is a stable compound and hazardous polymerization will not occur. **CONDITIONS TO AVOID:** Temperatures of 100° C (212°) or over will boil liquid away and convert liquid pigment to a powder form.

### INCOMPATIBILITY:

Avoid strong oxidizing agents such as peroxides, chlorates, perchlorates, nitrates and permanganates. Oxidizing materials may vigorously evolve oxygen in large amounts. Avoid heating, open flames, ignition sources and electrostatic charge.

### HAZARDOUS DECOMPOSITION PRODUCTS:

When involved in a fire, burning **Organic** raw & liquid pigments may evolve noxious gases, which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides or hydrogen chloride, depending on the pigment type.

## SECTION XII - TOXICOLOGICAL INFORMATION

### GENERAL

Based upon industry-wide experience over many years of manufacturing and published toxicological studies, cosmetic pigments in general are considered to have low levels of toxicity. There is no evidence of harmful effects from available information. There are no established permissible exposure limits for this product.

### ACUTE (SHORT-TERM) TOXICITY

**Skin contact:** May cause minor irritation with itching and possible slight local redness. Prolonged or repeated contact may cause drying of the skin. No evidence of harmful effects from available information.

**Eye contact:** Accidental Direct Eye Contact may cause abrasion and irritation. Corneal injury may occur.

**Inhalation:** Not expected to be an inhalation hazard. However, high concentrations of vapor may cause irritation of the respiratory tract with coughing and chest discomfort. May also cause headache and drowsiness. Excessive levels of fumes may result in discomfort after repeated or prolonged exposures.

**Ingestion:** Maybe harmful if swallowed. Contact Physician Immediately.

### CHRONIC (LONG-TERM TOXICITY)

No known published data available and no adverse effects expected.

**Sensitization:** Data not established for this product

**Chronic Toxicity:** Data not established for this product

**Reproductive Toxicity:** Data not established for this product

### MUTAGENICITY

No mutagenic effects known or expected

### INFORMATION

This product has not been evaluated for its ecotoxicity. However, the biodegradation of **Organic & Inorganic** colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since **Organic & Inorganic** pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics

## SECTION XIII - DISPOSAL CONSIDERATIONS

### General

This product must be disposed of in accordance with all applicable Federal, State and local regulations. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste (40 CFR 261.20-24).

In the cases of spills, leaks or release, review sections: 'FIRE FIGHTING MEASURES';

'ACCIDENTAL RELEASE MEASURES' & 'EXPOSURE CONTROLS/PERSONAL



### PROTECTION'

#### Waste Management

Incineration or land filling are recommended disposal techniques. Contact the state and local environmental agency for specific rules. This product is not identified as a RCRA hazardous waste under 40 CFR 261, and is not regulated under CERCLA (Superfund)

### SECTION XIV - TRANSPORT INFORMATION

D.O.T. SHIPPING NAME (49 CFR 172.101-102)	Not regulated
D.O.T. HAZARD CLASS (49 CFR 172.101-102)	None
D.O.T. LABEL	None
D.O.T. PLACARD	None
BILL OF LADING DESCRIPTION	Pigments NOI Dry
CERCLA SUBSTANCE (49 CFR)	Not regulated
REPORTABLE QUANTITY (RQ)	None
INTERNATIONAL UN/NA NUMBER	Not regulated
IMDG/IACO CLASSIFICATION	Not regulated
IATA CLASSIFICATION	Not regulated

#### OSHA Hazard Communication Standard Status

This product is not considered to be a hazardous substance under OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200.

#### Toxic Substances Control Act (TSCA) Status

All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory

#### SARA Title III

Section 302 (EHS)	None
Section 311/312 (Acute)	None

#### RCRA

Not regulated as a hazardous waste under RCRA.

#### Supplemental State Compliance Information

##### California State: Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)

**Warning:** This product may contain such chemicals as Lead (Pb); Arsenic (As); Mercury (Hg); Chromium Extract (2% H<sub>2</sub>O<sub>2</sub>); Antimony (Sb), Beryllium (Be), Cobalt (Co), Nickel (Ni) and Selenium (Se) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. This product is considered to have no significant risk under the **safe harbor levels** pursuant to the Proposition 65 Safe Harbor Levels.

While this product may contain detectable amounts of the above listed chemicals, we can assure you our products meet all the Federal requirements under the Food, Drug and Cosmetic Act for safety and effectiveness.

The information and recommendations contained herein is based on data considered accurate and has been compiled from sources believed to be reliable and represent the most reasonable opinion on the subject when the MSDS was prepared. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Impar Ltd assumes no responsibility for the personal injury or property damage caused by the material. Users assume all risks associated with the use of the Material.