



The Chemical Company

Material Safety Data Sheet

MSDS Code: 790-360

## PL-18 PRO-LINE RAW SIENNA

Revision date: 10/24/06

Date Printed: 07/11/07

**NFPA Classification:**

Health: 1

Flammability: 0

Instability: 0

Special Hazards:

**HMIS Classification:**

Health: 2 \*

Flammability: 0

Physical Hazard: 0

Personal Protection:

\* Indicates possible chronic health effects.

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Chemical Name:** Universal Dispersion Of C.I. Pigment Yellow 42

**Product Use:** Industrial pigment.

**Supplier:** BASF Corporation  
100 Campus Drive  
Florham Park, NJ 07932

For Chemical Emergency Call:  
BASF Hotline: 1-800-832-HELP  
CHEMTREC (24 hours):  
1-800-424-9300 (US, Canada, Puerto Rico, Virgin Islands)  
1-703-527-3887 (Outside Above Area)

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient CAS Number	Weight in Percent (%)	Notes
CI Pigment Yellow 42	55-65	None.
Water 7732-18-5	10-20	None.
Diethylene Glycol 111-46-6	10-20	None.
Surfactant(s)	1-10	None.
CI Pigment Brown 7	<1	None.

**3. HAZARDS IDENTIFICATION**

**Emergency Overview:**

**Color:** Brown  
**Form:** Liquid  
**Odor:** Odorless  
**Flash Point, °C:** Nonflammable

**Most Important Hazards:** May irritate eyes. May cause eye burns. Prolonged or repeated contact may cause skin absorption. Causes skin irritation. Chronic Overexposure Effects: Liver and kidney damage. Central nervous system damage. May cause skin irritation. Inhalation may result in respiratory irritation. May be fatal or cause blindness if swallowed.

**Potential Health Effects:**

**Inhalation:** Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache.

**Ingestion:** May cause tissue damage. May cause central nervous system effects. May cause liver and kidney damage. May be fatal or cause blindness if swallowed.

**Skin Contact:** Prolonged or repeated contact may cause skin irritation. May cause systemic toxicity through skin absorption.

**Eye Contact:** Causes eye irritation. May cause eye burns.

**Other Effects:** NOTE: Laboratory animal studies indicate that GLYCOL ETHERS may cause reproductive effects. NOTE: Inhalation of vapor and/or mist may be significant if material is heated or agitated/sprayed.

**Carcinogenicity:**

Ingredient CAS Number	Weight in Percent (%)	NTP (Y/N)	IARC (See Notes)	OSHA (Y/N)	ACGIH (See Notes)
CI Pigment Yellow 42	55-65	N	N	N	N
Water 7732-18-5	10-20	N	N	N	N
Diethylene Glycol 111-46-6	10-20	N	N	N	N
Surfactant(s)	1-10	N	N	N	N
CI Pigment Brown 7	<1	N	N	N	N

Notes:  
 IARC: Y1=Carcinogenic to humans; Y2A=Probably carcinogenic to humans; Y2B=Possibly carcinogenic to humans; N3=Not classifiable as to its carcinogenicity; N=Not studied or probably not carcinogenic.  
 ACGIH: A1=Confirmed human carcinogen; A2=Suspected human carcinogen; A3=Confirmed animal carcinogen; A4=Not classifiable as a human carcinogen; A5=Not suspected as a human carcinogen; N=Not studied.

**Chronic Health Hazards:**

Refer to Potential Health Effects.

**Aggravated Medical Conditions:** Kidney disorders. Liver disorders. Neurological ailments.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
<b>Ingestion:</b>	Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.
<b>Skin Contact:</b>	Flush skin with large amounts of water. If irritation persists, get medical attention.
<b>Eye Contact:</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

#### 5. FIRE FIGHTING MEASURES

<b>Flash Point, °C:</b>	Nonflammable
<b>Autoignition Temperature, °C:</b>	Not Determined
<b>Lower Explosive Limit, %:</b>	Not Determined
<b>Upper Explosive Limit, %:</b>	Not Determined
<b>Extinguishing Media:</b>	Water. Carbon dioxide. Foam.
<b>Fire Fighting Procedures:</b>	Positive pressure, self-contained breathing apparatus. Wear full protective clothing.
<b>Unusual Fire and Explosion Hazards:</b>	Not a fire or explosion hazard.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Spill Procedures:</b>	Contain spillage. Soak up spill using an absorbent. Scoop into a suitable container.
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#### 7. HANDLING AND STORAGE

- Keep away from food and feed products.
- Keep container closed.
- Keep from freezing.
- Wash thoroughly after handling.
- Avoid breathing mist.
- Avoid contact with eyes, skin and clothing.
- Use with adequate ventilation.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
CI Pigment Yellow 42	55-65	10 mg/m <sup>3</sup> (as Fe, total particulate)	None Established
Water 7732-18-5	10-20	None Established	None Established
Diethylene Glycol 111-46-6	10-20	None Established	None Established
Surfactant(s)	1-10	None Established	None Established
CI Pigment Brown 7	<1	10 mg/m <sup>3</sup> (Total dust)	5 mg/m <sup>3</sup>

Unless otherwise noted, all values are reported as 8-hour Time-Weighted Averages (TWAs) and total dust (particulates only). All ACGIH TLVs refer to the 2006 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

**Personal Protective Equipment:** Chemical goggles; also wear a face shield if splashing hazard exists. Rubber or neoprene gloves.

**Respiratory Protection:** Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely.

**Ventilation:** General ventilation. Local exhaust ventilation as necessary to control dust, mist, vapor or fumes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form:** Liquid  
**Color:** Brown  
**Odor:** Odorless

**Vapor Pressure:** **Max:** 17.5mm Hg (20 °C)  
**Specific Gravity:** **Min:** 1 **Max:** 2  
**Evaporation Rate:** Much < 1  
**Solubility (in water):** Dispersible  
**pH:** **Min:** 7 **Max:** 9

## 10. STABILITY AND REACTIVITY

**Stability Data:** Stable

**Conditions/Hazards to Avoid:** None anticipated

**Incompatibility (Materials to Avoid):** None anticipated.

**Hazardous Decomposition Products:** None anticipated

**Polymerization:** None anticipated.

**Polymerization - Avoid:** None anticipated.

**11. TOXICOLOGICAL INFORMATION**

**Information on Product:**

**Information on Components:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Acute Toxicity - Oral</b>	<b>Acute Toxicity - Inhalation</b>	<b>Acute Toxicity - Dermal</b>	<b>Acute Toxicity - Other</b>
CI Pigment Yellow 42	55-65	> 10,000 mg/kg (rat)	Not Available	Not Available	Not Available
Water 7732-18-5	10-20	Not Available	Not Available	Not Available	Not Available
Diethylene Glycol 111-46-6	10-20	21,000 mg (rat)	Not Available	Not Available	Not Available
Surfactant(s)	1-10	1,310 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Brown 7	<1	Not Available	Not Available	Not Available	Not Available

**12. ECOLOGICAL INFORMATION**

**Information on Product:**

**Environmental Fate:** No data available.

**Ecotoxicological Information:** No data available.

**13. DISPOSAL CONSIDERATIONS**

**US EPA Waste Number:** Not Regulated

**Disposal of Waste Method:** This product, if disposed as received, is a non-hazardous waste. Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.

**14. TRANSPORT INFORMATION**

**International Transport Regulations:**

**ICAO Class:** Not Regulated

**IMO Class:** Not Regulated

**US Transportation Regulations:**

**DOT Classification:** Not Regulated

**Canadian Transportation of Dangerous Goods (TDG):**

**TDG Classification:** Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories:**

**United States:** This product or its ingredients are listed on or compliant with the TSCA Inventory.  
**Canada:** Not Determined  
**Europe:** Not Determined  
**Japan:** Not Determined  
**Australia:** Not Determined  
**Korea:** Not Determined  
**Philippines:** Not Determined  
**China:** Not Determined

**US Federal Regulations:**

<b>Ingredient CAS Number</b>	<b>Weight in Percent (%)</b>	<b>Subject to SARA 313 Reporting</b>
CI Pigment Yellow 42	55-65	No
Water 7732-18-5	10-20	No
Diethylene Glycol 111-46-6	10-20	No
Surfactant(s)	1-10	No
CI Pigment Brown 7	<1	No

**SARA 311/ 312 Hazard Categories:**

Acute Health Hazard                      Chronic Health Hazard

**CAA 602 Ozone Depleting Substances (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**VOC Content:**                      290g/L

**US State Regulations:**

**VOC Content (CARB):**            410    g/Lg/L

**Canadian Regulations:**

**WHMIS Classification:**

Not Determined

**16. OTHER INFORMATION**

**Revision number:** 11

**Section(s) Revised in this Version:** Section 1: Chemical Product and Company Identification  
Section 16: Other Information

**Prepared By:** Corporate Environmental Health & Safety Group

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