



The Chemical Company

Material Safety Data Sheet

MSDS Code: 790-210

PRO-LINE™ PL-2 YELLOW OXIDE

Revision date: 10/24/06

Date Printed: 07/11/07

NFPA Classification:

Health: 2

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 Pigments

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 51274-00-1	55 - 65	None.
Ethylene Glycol 107-21-1	10 - 20	None.
Water 7732-18-5	5 - 15	None.
Diethylene Glycol 111-46-6	5 - 15	None.
Dispersant(s)	1-5	None.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Yellow
Form: Liquid
Odor: Odorless
Flash Point, °C: Not Applicable

Most Important Hazards: May cause severe eye irritation. May be fatal if swallowed. Harmful if swallowed. Central nervous system damage. May cause liver and kidney damage. May cause skin irritation. Inhalation may result in respiratory irritation.

Potential Health Effects:

Inhalation: Exposure to mists or vapors may cause irritation of the respiratory tract. Exposure to vapors or mists, generated at higher temperatures, may cause drowsiness and headache. May cause central nervous system depression.

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

Skin Contact: Prolonged or repeated contact may cause skin irritation. Will cause skin defatting.

Eye Contact: May cause severe eye irritation. Causes redness and tearing. Causes blurred vision.

Other Effects: NOTE: Laboratory animal studies indicate that GLYCOL ETHERS may cause reproductive effects. NOTE: Excessive ingestion and/or inhalation of GLYCOL COMPOUNDS has caused fetal effects in laboratory animals. 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 51274-00-1	55 - 65	N	N	N	N
Ethylene Glycol 107-21-1	10 - 20	N	N	N	A4
Water 7732-18-5	5 - 15	N	N	N	N
Diethylene Glycol 111-46-6	5 - 15	N	N	N	N
Dispersant(s)	1-5	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 Carcinogenicity and Potential Health Effects.

Aggravated Medical Conditions: Gastrointestinal disorders. Liver, kidney.

4. FIRST AID MEASURES

Inhalation:	Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.
Ingestion:	If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
Skin Contact:	Remove contaminated clothing immediately. Flush skin with large amounts of water. If irritation persists, get medical attention.
Eye Contact:	Immediately flush eyes with large amounts of water for at least 15 minutes. Get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point, °C:	Not Applicable
Autoignition Temperature, °C:	Not Determined
Lower Explosive Limit, %:	Not Determined
Upper Explosive Limit, %:	Not Determined
Extinguishing Media:	Water. Carbon dioxide. Foam.
Fire Fighting Procedures:	Positive pressure, self-contained breathing apparatus. Wear full protective clothing.
Unusual Fire and Explosion Hazards:	Toxic vapors are emitted in a fire condition. Not a fire or explosion hazard.

6. ACCIDENTAL RELEASE MEASURES

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

- Avoid contact with eyes, skin and clothing.
- Use only with adequate ventilation.
- Material is slippery if spilled.
- Wash thoroughly after handling.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
CI Pigment Yellow 42 51274-00-1	55 - 65	10 mg/m ³ (as Fe, total particulate)	None Established
Ethylene Glycol 107-21-1	10 - 20	50 ppm Ceiling	39.4 ppm Ceiling
Water 7732-18-5	5 - 15	None Established	None Established
Diethylene Glycol 111-46-6	5 - 15	None Established	None Established
Dispersant(s)	1-5	50 ppm SKIN	50 ppm SKIN

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.

PEL TLV Notes: NOTE: Ingredient(s) are in a liquid phase. Not all exposure values may be applicable. Not expected to present an inhalation hazard.

Personal Protective Equipment: Safety glasses with side shields. Rubber or neoprene gloves.

Respiratory Protection: Use approved respiratory protection if exposure limits are exceeded, or overexposure is likely. If respiratory protection is used, follow all requirements for respiratory programs set forth in OSHA regulations (29 CFR 1910.134).

Ventilation: General ventilation. Local exhaust ventilation is recommended to control exposures to within applicable limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Liquid
Color: Yellow
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:** 7.5 **Max:** 9.5

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:

No data available.

Information on Components:

Ingredient CAS Number	Weight in Percent (%)	Acute Toxicity - Oral	Acute Toxicity - Inhalation	Acute Toxicity - Dermal	Acute Toxicity - Other
CI Pigment Yellow 42 51274-00-1	55 - 65	> 10,000 mg/kg (rat)	Not Available	Not Available	Not Available
Ethylene Glycol 107-21-1	10 - 20	5,500 mg/kg (child)	Not Available	Not Available	Not Available
Water 7732-18-5	5 - 15	Not Available	Not Available	Not Available	Not Available
Diethylene Glycol 111-46-6	5 - 15	21,000 mg (rat)	Not Available	Not Available	Not Available
Dispersant(s)	1-5	1,480 mg/kg (rat)	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: 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. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

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: This product or its ingredients are listed on or compliant with the DSL.
Europe: This product or its ingredients are listed on or compliant with EINECS.
Japan: Not Determined
Australia: This product or its ingredients are listed on or compliant with AICS.
Korea: This product or its ingredients are listed on or compliant with the ECL.
Philippines: This product or its ingredients are listed on or compliant with PICCS.
China: This product or its ingredients are listed on or compliant with the IECSC.

US Federal Regulations:

Ingredient CAS Number	Weight in Percent (%)	Subject to SARA 313 Reporting
CI Pigment Yellow 42 51274-00-1	55 - 65	No
Ethylene Glycol 107-21-1	10 - 20	Yes
Water 7732-18-5	5 - 15	No
Diethylene Glycol 111-46-6	5 - 15	No
Dispersant(s)	1-5	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: 458 g/L

US State Regulations:

VOC Content (CARB): 575 g/L g/L

Canadian Regulations:

WHMIS Classification:

Class D Division 2 Subdivision A

Class D Division 2 Subdivision B

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations* .

16. OTHER INFORMATION

Revision number: 7

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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