



The Chemical Company

Material Safety Data Sheet

MSDS Code: 790-370

PRO-LINE PL-19 LEAD FREE ORANGE

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

Common Name: Universal Pigments Dispersion

Chemical Name: Universal Dispersion Of Pigments

Formula: Chemical Mixture

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
Diethylene Glycol 111-46-6	25-35	None.
Water 7732-18-5	20-30	None.
Industrial Pigment(s)	10-20	None.
Industrial Pigment	1-10	None.
Industrial Pigment	1-10	None.
Surfactant(s)	1-15	None.

Other Information:

NOTE: The percentage by weight values reported for this product represent approximate formulation values.

3. HAZARDS IDENTIFICATION

Emergency Overview:

Color: Orange
Form: Liquid
Odor: Odorless
Flash Point, °C: Not Determined

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. Harmful by inhalation and 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 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)
Diethylene Glycol 111-46-6	25-35	N	N	N	N
Water 7732-18-5	20-30	N	N	N	N
Industrial Pigment(s)	10-20	N	N	N	N
Industrial Pigment	1-10	N	N	N	N
Industrial Pigment	1-10	N	N3	N	A4
Surfactant(s)	1-15	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: May cause liver and kidney damage. May cause formation of bladder stones. May cause bladder cancer.

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

4. FIRST AID MEASURES

Inhalation: Move person to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

Ingestion: Get medical attention! If vomiting occurs, keep head lower than hips to prevent aspiration.

Skin Contact: Flush skin with large amounts of water. If irritation persists, get medical attention.

Eye Contact: 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

Flash Point, °C: Not Determined
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: 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.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredient CAS Number	Weight in Percent (%)	OSHA PEL	ACGIH TLV
Diethylene Glycol 111-46-6	25-35	None Established	None Established
Water 7732-18-5	20-30	None Established	None Established
Industrial Pigment(s)	10-20	None Established	None Established
Industrial Pigment	1-10	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable dust)	10 mg/m ³
Industrial Pigment	1-10	2 mg/m ³ (Containing no asbestos fibers, respirable dust)	2 mg/m ³ (Containing no asbestos fibers, respirable dust)
Surfactant(s)	1-15	None Established	None Established

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: 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: Orange

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:

Ingredient CAS Number	Weight in Percent (%)	Acute Toxicity - Oral	Acute Toxicity - Inhalation	Acute Toxicity - Dermal	Acute Toxicity - Other
Diethylene Glycol 111-46-6	25-35	21,000 mg (rat)	Not Available	Not Available	Not Available
Water 7732-18-5	20-30	Not Available	Not Available	Not Available	Not Available
Industrial Pigment(s)	10-20	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available
Industrial Pigment	1-10	6,450 mg/kg (rat)	Not Available	Not Available	Not Available
Industrial Pigment	1-10	Not Available	Not Available	Not Available	Not Available
Surfactant(s)	1-15	1,310 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: This product, if disposed as received, is a non-hazardous waste. Federal, state and 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:
Canada: Not Determined
Europe: Not Determined
Japan: Not Determined
Australia: Not Determined
Korea: Not Determined
Philippines: Not Determined
China: Not Determined

US Federal Regulations:

Ingredient CAS Number	Weight in Percent (%)	Subject to SARA 313 Reporting
Diethylene Glycol 111-46-6	25-35	No
Water 7732-18-5	20-30	No
Industrial Pigment(s)	10-20	No
Industrial Pigment	1-10	No
Industrial Pigment	1-10	No
Surfactant(s)	1-15	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: 370g/L

US State Regulations:

VOC Content (CARB): 530 g/Lg/L

Canadian Regulations:

WHMIS Classification:

Not Determined

16. OTHER INFORMATION

Revision number: 10

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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