

1285 SUNSET GOLD TRANSPARENT HC

Revision date: 07/07/2000

NFPA Classification:

Health: 0
 Flammability: 1
 Instability: 0 Special Hazards:

Date Printed: 07/25/2003

HMIS Classification: Health:
 Flammability:
 Reactivity:
 Personal Protection:

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Common Name: C.I. Pigment Yellow 87
 Chemical Name: Dichlorobenzidine Coupled With Acetoacet-o-m-dimethoxyanilide
 Formula: C.I. 21107:1
 Product Use: Industrial pigment.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	Weight in	Notes
	Product (%)	
CI Pigment Yellow 87 15110-84-6	90-99	None.
5330410-5312p	<5	None.
CI Pigment Yellow 83 5567-15-7	< 10	None.
CI Pigment Orange 16 6505-28-8	<5	None.

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<u>Ingredient</u>	<u>Weight in</u>	<u>Notes</u>
	<u>Product 1%</u>	
Surfactant(s) NJTSR E10782	<5	None.

3. HAZARDS IDENTIFICATION

Color: Yellow
Form: Powder
Odor: Odorless
Flash Point, °C: Not Determined

Most Important Hazards: Prolonged or repeated exposure effects: Dust may be irritating to eyes and upper respiratory tract. May cause lung damage. May cause stomach discomfort. May cause skin irritation in sensitive individuals.

Potential Health Effects:

Inhalation:

Ingestion:

Skin Contact:

Eye Contact:

Carci nonenicity:

May cause irritation of the respiratory tract. Overexposure to dust may cause lung damage.

May cause stomach discomfort.

Prolonged or repeated contact may cause skin irritation.

Dust may cause irritation and inflammation.

<u>Ingredient</u>	<u>Weight in</u>	NTP (YIN)	IARC (See Notes)	OSHA (YIN)	ACGIH (See Notes)
	<u>Product (%)</u>				
CI Pigment Yellow 87 15110-84-6	90-99	N	N	N	N
5330410-5312p	<5	N	N3	N	A4
CI Pigment Yellow 83 5567-15-7	<10	N	N	N	N
CI Pigment Orange 16 6505-28-8	<5	N	N	N	N

Ingredient	Weight in	NTP (YIN)	IARC (See Notes)	OSHA (YIN)	ACGIH (See Notes)
	Product (%)				
Surfactant(s) NJTSR E10782	<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

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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: None known.

Aggravated Medical Conditions Pulmonary disorders. Dermal ailments.

4. FIRST AID MEASURES

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

Ingestion: If swallowed, observe victim for 24 hours; seek medical attention if indicated.

Skin Contact: Wash with soap and water.

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 mist.

Fire Fighting Procedures: Positive pressure, self-contained breathing apparatus. Wear full protective clothing.

Unusual Fire and Explosion Hazards: Organic pigments can burn at temperatures above 250°C. This product is not readily ignitable. Dust may be an explosive hazard. Keep away from ignition sources.

6. ACCIDENTAL RELEASE MEASURES

Spill Procedures: Contain spillage. Use dustless methods such as vacuum and place into closable container for disposal.

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7. HANDLING AND STORAGE

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION			
Ingredient	Weight in	OSHA PEL:	ACGIH TLV:
	Product 1%)		
CI Pigment Yellow 87 15110-84-6	90-99	None Established	None Established
5330410-5312p	<5	10 mg/m ³ (Total dust) 5 mg/m ³ (Respirable dust)	10 mg/m ³ (Total dust)
CI Pigment Yellow 83 5567-15-7	< 10	None Established	None Established
CI Pigment Orange 16 6505-28-8	<5	None Established	None Established

Ingredient	Weight in	OSHA PEL:	ACGIH TLV:
	Product 1%)		
Surfactant(s) NJTSR E10782	<5	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 2002 standards. Unless otherwise noted, all OSHA PELs refer to 29 CFR Part 1910 Air Contaminants: Final Rule, June 30, 1993.

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

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

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

I 9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
 Color: Yellow
 Odor: Odorless

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Decomposition Temperature, °C: 200
 Specific Gravity: Min: 1 Max: 2
 Solubility (in water): Insoluble
 pH: Min: 8 Max: 10

10. STABILITY AND

REACTIVITY Stability Data: Stable
 Conditions/Hazards to Avoid: Heat.
 Incompatibility (Materials to Avoid): Strong oxidizing agents.
 Hazardous Decomposition Products: Processing at temperatures above 200~C in parafinic and polypropylene polymer systems can cause degradation of diarylide and pyrazolone pigments to monoazo compounds, aromatic amines, and 3,3'-dichlorobenzidene (3,3' DCB).
 Polymerization: None anticipated.
 Polymerization - Avoid: None anticipated.

11. TOXICOLOGICAL INFORMATION

Information on Product:
 Information on
 Components

Ingredient	Weight in	Acute Toxicity -	Acute Toxicity -	Acute Toxicity -	Acute Toxicity -
	Product 1%)	Oral	Inhalation	Dermal	Other
CI Pigment Yellow 87 15110-84-6	90-99	Not Available	Not Available	Not Available	Not Available
5330410-5312p	<5	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available
CI Pigment Yellow 83 5567-15-7	< 10	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available

CI Pigment Orange 16 6505-28-8	<5	> 5,000 mg/kg (rat)	Not Available	Not Available	Not Available
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<u>Ingredient</u>	<u>Weight in</u>	<u>Acute Toxicity^y -</u>	<u>Acute Toxicity -</u>	<u>Acute Toxicity -</u>	<u>Acute Toxicity -</u>
	<u>Product (%)</u>	<u>Oral</u>	<u>Inhalation</u>	<u>Dermal</u>	<u>Other</u>
Surfactant(s) NJTSR E10782	<5	1,900 mg/kg (rat)	Not Available	Not Available	Not Available

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12. ECOLOGICAL INFORMATION

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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:

UN/PIN Number: Not
Regulated

US Transportation Regulations:

DOT Classification: Not Regulated

Canadian Transportation of Dangerous Goods

(TDG): TOG Classification: Not Regulated

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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:

This product or its ingredients are listed on or compliant with MITI.

Australia: This product or its ingredients are listed on or compliant with AICS.
 Korea: Not Determined

US Federal Regulations:

<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
CI Pigment Yellow 87 15110-84-6	90- 99	No
5330410-5312p	<5	No
CI Pigment Yellow 83 5567-15-7	< 10	No
CI Pigment Orange 16 6505-28-8	<5	No

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<u>Ingredient</u>	<u>Weight in Product (%)</u>	<u>Subject to SARA 313 Reporting</u>
Surfactant(s) NJTSR E10782	<5	No

SARA 311/ 312 Hazard
Categories: 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: None

US State Regulations:

California Proposition 65 - Carcinogen:

WARNING: This product contains chemicals known to the State of California to cause cancer.

California Proposition 65 - Reproductive:

WARNING: This product contains chemicals known to the State of California to cause birth defects or other reproductive harm.

VOC Content (CARB): None

Canadian Regulations:

WHMIS Classification:

Not Determined

The information in this Material Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for persons working with or handling this product. The information presented in the MSDS is premised upon proper handling and anticipated uses, and is for the material without chemical additions/alterations.