



SAFETY DATA SHEET

According to the Globally Harmonized System
of Classification and Labelling of Chemicals

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

VERSION DATE: 4/01/2015
TRADE/PRODUCT NAME: 2316 DIANISIDINE ORANGE 16
SUBSTANCE IDENTIFICATION: PIGMENT ORANGE 16
C.I. NUMBER: 21160
USE OF THE SUBSTANCE : COLORANT
CAS NUMBER: 6505-28-8
SUPPLIER: LANSCO COLORS
One Blue Hill Plaza, 11th Floor
P.O. Box 1685
Pearl River, NY 10965
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Section 2. HAZARD IDENTIFICATION

GHS Classification:

Health	Environmental	Physical
Not Classified	Not Classified	Not Classified

GHS Label Elements:

The product does not require a hazard warning label in accordance with GHS criteria.

Hazard Symbols: None

Signal Word: None

Hazard Statements: Not Classified

Precautionary Statements: Not Applicable

Emergency Overview

When exposed to extremely high temperatures for extended periods of time (such as a fire), organic pigments may burn or smolder emitting noxious fumes that can include nitrogen and carbon dioxides or other toxic compounds.

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS No	ELINCS	WT. %	HAZARDOUS
Pigment Orange 16	6505-28-8	235-462-4	100	No

Section 4. FIRST-AID MEASURES

Necessary Measures:

Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Symptoms / Effects:

Inhalation: Inhalation of dusts may irritate the nose, throat and upper respiratory tract. In severe cases, remove to fresh air immediately. Call physician.

Ingestion: No significant effects.

Skin Contact: May cause skin irritation if in contact for extended periods of time.

Eye Contact: The more common hazards are local irritation or abrasion.

Chronic Exposure: None known

Aggravation of Pre-existing Conditions: None known

Section 5. FIRE-FIGHTING MEASURES

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard. Sealed containers may rupture when heated.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire. Carbon dioxide, dry chemical, water spray or foam are suitable.

Fire Fighting Equipment:

Wear self-contained breathing apparatus and protective suit.

Section 6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Wear appropriate PPE as specified in Section 8.

Spills: Sweep up and containerize for reclamation or disposal. Vacuuming or wet sweeping may be used to avoid dust dispersal. Dispose of in accordance with Federal, State or local procedures.

Section 7. HANDLING AND STORAGE

Handling: Observe all warnings and precautions listed for the product. Closed containers should be opened in well ventilated areas. Avoid dust formation. Take precautionary measures against static discharges.

Storage: Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage.

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

For Nuisance Dust:**OSHA Threshold Limit Value (TLV):**

15 mg/m³ TWA Total Dust

5 mg/m³ Respirable Dust

Ventilation System:

A system of local and/or general ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Respirators (NIOSH Approved):

Use NIOSH approved respirator as needed to mitigate exposure.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:

Safety glasses with side shields. Maintain eye wash fountain in work area.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Orange powder	Vapor Density (Air=1):	Not applicable
Odor:	Odorless	Melting Point:	N/A
Solubility:	Insoluble	Vapor Pressure (mm Hg):	Not applicable
Specific Gravity:	1.30	% Volatiles by volume:	Not applicable
pH:	6.0 – 7.5	Evaporation Rate (BuAc = 1):	Not applicable
Boiling Point:	N/A		

Section 10. STABILITY AND REACTIVITY

Stability:	Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:	When involved in a fire, burning organic pigments may evolve noxious gases.
Hazardous Polymerization:	Will not occur.
Incompatibilities:	Strong reducing agents, combustibles, and organic materials.
Conditions to Avoid:	Incompatibles.

Section 11. TOXICOLOGICAL INFORMATION

Toxicological Data:

This product has reported an acute LD50 value of 5000 mg/kg or greater in rats.
Primary Irritation: Non-irritating skin and eyes (rabbit)

Reproductive Toxicity: Not available

Cancer Lists

Ingredient	NTP Carcinogen		IARC Category
	Known	Anticipated	
None			No (*)

Section 12. ECOLOGICAL INFORMATION

Environmental Fate:

When released into the soil, this material may leach into groundwater. This material may be removed from the atmosphere to a moderate extent by wet deposition. Organic pigments are generally insoluble compounds, and as such are believed to have minimal bioaccumulation and bio-availability characteristics.

Environmental Toxicity:

No information found.

Section 13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Dispose of container and unused contents in accordance with federal, state and local requirements.

Section 14. TRANSPORT INFORMATION

U.S. Department of Transportation (D.O.T.)
 International Maritime Dangerous Goods (I.M.O. / I.M.D.G.)
 International Air (I.C.A.O. / I.A.T.A.)

Proper Shipping Name: Not Regulated
 UN Number:
 Class:
 Packing Group:
 Information reported for product/size:

Section 15. REGULATORY INFORMATION

Chemical Inventory Status

Ingredient	USA	Europe	Japan	Australia	Korea	China	Canada	Phillipines
	TSCA	ELINCS	MITI	AICS	ECL	IECSC	DSL	PICCS
Pigment Orange 16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Federal, State & International Regulations

Ingredient	SARA 302		SARA 313		CERCLA	RCRA 261.33	TSCA 8(d)
	RQ	TPQ	List	Chemical Category			
Pigment Orange 16	No	No	No	No	No	No	No

Chemical Weapons Convention	No	Fire:	No
TSCA 12 (b)	No	Pressure:	No
CDTA:	No	Reactivity:	No
SARA 311/312:	Acute No	Australian Hazchem Code:	NA
	Chronic No		

OSHA Hazardous Substance:

This material is classified as not hazardous under OSHA regulations.

Clean Air Act - Hazardous Air Pollutants (HAP):

This product does not contain any Hazardous Air Pollutants (HAP) as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

Clean Air Act – Volatile Organic Compounds (VOC):

This product does not contain any SOCM I Intermediate or Final Volatile Organic Compounds (VOC), as defined by the U.S. Clean Air Act Section 111 (40 CFR 60.489).

Clean Air Act – Ozone Depleting Substances (DOS):

This product neither contains nor was manufactured with a Class I or Class II ozone depleting substance (DOS), as defined by the U.S. Clean Air Act, Section 602 (40 CFR 82, Subpt. A, App. A + B).

Clean Water Act – Priority Pollutants (PP):

This product does not contain any priority pollutants listed under the U.S. Clean Water Act, Section 307 (2) (1) Priority Pollutant List (40 CFR 401.15).

California Proposition 65:

This product does not contain any components currently on the California list of Known Carcinogens and Reproductive Toxins.

Pennsylvania / New Jersey Right-to-Know:

This product does not contain any component (s) currently on the Pennsylvania or New Jersey Right – to – Know list of hazardous chemicals.

WHMIS:

This MSDS has been prepared according to the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

Section 16. OTHER INFORMATION

HMIS Information:

Health: 1
Flammability: 1
Physical Hazard: 0

NFPA Information:

Health: 1
Flammability: 0
Physical Hazard: 0

HMIS and NFPA uses a numbering scale ranging from 0 to 4 to indicate the degree of hazard. A value of zero means that the substance possesses essentially no hazard; a rating of four indicates extreme hazard. Although similar, the two ratings systems are intended for different purposes, and use different criteria.

HMIS system – designed to communicate workplace hazard information to employees who handle hazardous chemicals.

NFPA system – developed to provide and on-the-spot alert to the hazards of a material and their severity, to emergency responders.

DISCLAIMER OF LIABILITY

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