

# MATERIAL SAFETY DATA SHEET

## HMIS

### INFORMATION:

Health: 1  
Flammability: 1  
Physical Hazard: 0

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## Section 1. PRODUCT IDENTIFICATION

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PRODUCT NAME: 5576-C PHTHALO BLUE 15:3

VERSION DATE: 08/22/2006

CAS NUMBER: 147-14-8

C.I. PIGMENT: 74160

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## Section 2. COMPOSITION

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Ingredient	CAS No	Percent	Hazardous
Pigment Blue 15:3	147-14-8	100	No

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## Section 3. HAZARDS IDENTIFICATION

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## **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.

**Contact Rating:** 2 - Moderate

**Lab Protective Equip:** Safety glasses

## **Potential Health Effects**

### **Inhalation:**

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. In severe cases absorption can occur through eye tissues and may cause corneal injury.

### **Chronic Exposure:**

None known

**Aggravation of Pre-existing Conditions:**

None known

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**Section 4. FIRST AID MEASURES**

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**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:**

Immediately flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Thoroughly clean shoes and wash clothing before reuse. Get medical attention 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.

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## Section 5. FIRE FIGHTING MEASURES

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### **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.

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## Section 6. ACCIDENTAL RELEASE MEASURES

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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.

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## **Section 7. HANDLING AND STORAGE**

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Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Observe all warnings and precautions listed for the product.

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## **Section 8. EXPOSURE CONTROLS**

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### **For Nuisance Dust:**

#### **OSHA Threshold Limit Value (TLV):**

15 mg/m<sup>3</sup> TWA Total Dust

5 mg/m<sup>3</sup> 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:**

Use chemical safety goggles and/or full-face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

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**Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance:</b>	Blue powder	<b>Vapor Density (Air=1):</b>	Not applicable
<b>Odor:</b>	Odorless	<b>Melting Point:</b>	480°C
<b>Solubility:</b>	Insoluble	<b>Vapor Pressure (mm Hg):</b>	Not applicable
<b>Specific Gravity:</b>	1.66	<b>% Volatiles by volume:</b>	Not applicable
<b>pH:</b>	Range of ~ 5.5 – 8.5	<b>Evaporation Rate (BuAc=1):</b>	Not applicable
<b>Boiling Point:</b>	No information found.		

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**Section 10. STABILITY AND REACTIVITY**

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**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.

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## Section 11. TOXICOLOGICAL INFORMATION

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**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		
	Known	Anticipated	IARC Category
None			

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## Section 12. ECOLOGICAL INFORMATION

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**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.

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**Section 13. DISPOSAL CONSIDERATIONS**

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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.

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**Section 14. TRANSPORTATION INFORMATION**

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**Domestic (Land, D.O.T.)**

Proper Shipping Name: Not regulated

Hazard Class:

UN/NA:

Packing Group:

Information reported for product/size:

**International (Water, I.M.O.)**

Proper Shipping Name: Not regulated

Hazard Class:

UN/NA:

Packing Group:

Information reported for product/size:

**International (Air, I.C.A.O.)**

Proper Shipping Name: Not regulated

Hazard Class:

UN/NA:

Packing Group:

Information reported for product/size:

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**Section 15. REGULATORY INFORMATION**

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**Chemical Inventory Status**

Ingredient	TSCA	EC	Japan	Australia	Korea	Canada		Phil.
						DSL	NDSL	
Pigment Blue	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes

**Federal, State & International Regulations**

Ingredient	SARA 302	SARA 313	CERCLA	RCRA	TSCA
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	RQ	TPQ	List	Chemical Category		261.33	8(d)
Pigment Blue 15	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:** No **Australian Hazchem Code:** NA  
**Acute** Yes

**Chronic**

**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.

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**Section 16. OTHER**

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**NFPA Ratings:**

Health: 1  
 Flammability: 1  
 Reactivity: 0

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## **DISCLAIMER OF LIABILITY**

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We provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.

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