

CREANOVA Inc.
Division I Colorants Group

24 Hour Emergency Number: 800-424-9300
24 Hour CHEMTRAC Number: 800-424-9300

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Approval Date: November 12, 1999
Print Date: December 01, 2000

Cust: 32868002

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MSDS Number: 8027214 BL-01

1. PRODUCT AND COMPANY IDENTIFICATION

PS 169

Product Name : COLORTREND® PLUS PHTHALO BLUE

Synonyms : Pigment dispersion

Product Use/Class: Aqueous colorant

Supplier/Manufacturer:

CREANOVA Inc.

Turner Place, P.O. Box 365

Piscataway, NJ 08855

Environmental & Regulatory Affairs, Information Number: 732-981-5016

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients

	CAS Number	% (Wt./Wt.)
Talc, Magnesium silicate hydrate	014807-96-6	30 - 60 %

See Section 8 for Exposure Guidelines

3. HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***:

May cause eye, skin and respiratory tract irritation.

POTENTIAL HEALTH EFFECTS

Eye Contact:

According to test results on similar colorant base mixtures, this product is classified as a moderate eye irritant. May cause tearing, reddening and/or swelling.

Skin Contact:

Moderate irritant according to test results on similar base mixtures.

Inhalation:

Possibly irritating.

Ingestion:

Moderately toxic. May be harmful if swallowed.

General:

Short term exposures to talc may cause lung irritation. Long term excessive exposure to talc dust may cause talcosis, a pulmonary fibrosis which in turn may lead to severe and permanent damage to the lungs.

NTP Toxicology and Carcinogenesis Studies of Talc revealed that there is

3. HAZARDS IDENTIFICATION (CONTINUED)

some evidence of carcinogenic activity in male rats and clear evidence of carcinogenic activity in female rats. There was no evidence of carcinogenic activity in male or female mice.

Because this product is a free-flowing liquid or paste, dust inhalation is not an expected route of exposure.

4. FIRST AID MEASURES

FIRST AID

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable Lower Explosive Limit: Not applicable

Flash Point Method: Not applicable Upper Explosive Limit: Not applicable

OSHA Flammability Classification: None

Autoignition Temperature: Not Determined

Other Flammable Properties:

Contains material that can burn in fire if contained water is evaporated by heat or fire.

Extinguishing Media:

In case of fire, use water (flood with water), dry chemical, CO₂ or "alcohol" foam.

Fire Fighting Procedures:

As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.

6. ACCIDENTAL RELEASE MEASURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Ventilate area. Absorb spill with inert material and place in a chemical waste container. Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate any lakes, streams, ponds, groundwater or soil. Use personal protective equipment as described in Section 8.

7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapor or mist. Follow all MSDS/label precautions even after container is emptied because it may retain product residues. Wash thoroughly after handling.

Storage:

Store in a cool, dry place. Keep container closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

	Value	Limit	Reference
Talc, Magnesium silicate hydrate	20 mppcf	TWA	OSHA
	2 mg/m ³	TWA	ACGIH
	N.E.	STEL	OSHA/ACGIH

Other Exposure Limit Information:

The OSHA TWA and ACGIH TWA exposure values for talc are for asbestos free talc expressed as millions of particles per cubic foot (mppcf).

Engineering Controls:

Use adequate ventilation.

Respiratory Protection:

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 or applicable federal/provincial requirements must be followed whenever workplace conditions warrant respirator use. NIOSH's "Respirator Decision Logic" may be useful in determining the suitability of various types of respirators.

Eye Protection:

Use chemical splash goggles.

Skin Protection:

Use impermeable gloves.

Other Protective Equipment:

A safety shower and eye wash fountain should be readily available. To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132) be conducted before using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	17 mm Hg @ 68°F
Vapor Density (Air = 1)	:	Is heavier than air
Specific Gravity	:	~1.4
Boiling Point	:	> 212°F

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9. PHYSICAL AND CHEMICAL PROPERTIES (CONTINUED)

pH @ 100.0% : 8.0 - 9.0
Viscosity : 65-85 KU @ 77°F
Evaporation Rate : Is slower than Butyl Acetate

Other Properties:

Blue. Paste. Mild odor. Solubility in water: Dispersible.

10. STABILITY AND REACTIVITY

Stability:

This product is stable under normal storage conditions.

Hazardous Polymerization:

Will not occur under normal conditions.

Conditions To Avoid:

Not Applicable.

Incompatibility With Other Materials:

Oxidizing materials. Strong acids.

11. TOXICOLOGICAL INFORMATION

Other Toxicological Information:

No information available.

12. ECOLOGICAL INFORMATION

Ecological Information:

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal Method:

Waste must be disposed of in accordance with federal, state, provincial and local regulations. CONTAINER DISPOSAL: Empty containers by removing the top and inverting to allow all free flowing product to drain. To meet regulatory criteria, the container is considered empty when less than 3% remains in the container. Additional special handling is not typically required and the empty container can be discarded with other non-hazardous trash.

Note: Local disposal regulations may be more stringent and require

13. DISPOSAL CONSIDERATIONS (CONTINUED)

additional restrictions or precautions. Customers should check with their local disposal company, municipal or state authority. Recycle of plastic or metal containers may require clean rather than empty containers. In this case the containers can be rinsed with water until the containers are considered generally product free.

14. TRANSPORT INFORMATION

U.S. DOT Transport Information

Proper Shipping Name: Not regulated

15. REGULATORY INFORMATION

U.S. Federal Regulations

OSHA:

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard.

Clean Air Act Section 112:

This product contains the following components present at or above the OSHA de minimus level and listed as Hazardous Air Pollutants:

None

This product contains the following components present at or above the OSHA de minimus level and listed as Extremely Hazardous Air Pollutants:

None

SARA Section 302:

This product contains the following components listed as Extremely Hazardous Substances:

None

SARA Section 311/312:

Hazard Classifications: Immediate (acute)

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

None

TSCA:

This product or its components are listed in or exempt from the TSCA

15. REGULATORY INFORMATION (CONTINUED)

inventory requirements.

This product contains the following non-proprietary substances subject to export notification under Section 12(b) of TSCA:

None

State Regulations

California (Proposition 65):

This product contains the following substances known to the State of California to cause cancer:

None

This product contains the following substances known to the State of California to cause adverse reproductive effects:

None

International Regulations

Summary of International Chemical Inventory Status

Canada	On inventory
Europe	On inventory
South Korea	Not on inventory
Australia	On inventory

16. OTHER INFORMATION

HMIS Ratings: Health - 2 Flammability - 1 Reactivity - 0

Ratings Key: 4 = Highest hazard, 0 = Lowest hazard,

* = Chronic health hazard, N = No rating for powders

NFPA Ratings: Health - 1 Flammability - 1 Reactivity - 0

Ratings Key: 4 = Highest hazard, 0 = Lowest hazard, N = No rating for powders

Key to abbreviations used:

NA Not applicable

NAV Not available

NE Not established

NJTSR No. New Jersey Trade Secret Registry Number

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Revision Summary:

The following MSDS sections were revised since the previous version
August 18, 1998:

2. COMPOSITION/INFORMATION ON INGREDIENTS

The information is furnished without warranty, representation, inducement, or license of any kind, except that it is accurate to the best of CREANOVA Inc.'s knowledge or obtained from sources believed by CREANOVA Inc. to be accurate and CREANOVA Inc. does not assume any legal responsibility for use or reliance on same. Customers are encouraged to conduct their own tests. Before using any product, read its label.

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