SDS Safety Data Sheet
Grant Industries Inc.

GRANSPERSE BLUE 1617

SDS Number: GRA3225 Revision Date: 5/5/2016

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name:	GRANSPERSE BLUE 1617
Revision Date:	5/5/2016
SDS Number:	GRA3225
Product Code:	PHTHALO BLUE
Chemical Family:	Mixture
Product Use:	Aqueous pigment dispersion for the tinting of bases.

2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
no GHS classifications indicated

GHS Label elements, including precautionary statements

GHS Signal Word: **NONE**

no GHS pictograms indicated for this product

GHS Hazard Statements:

no GHS hazards statements indicated

GHS Precautionary Statements:

no GHS precautionary statements indicated

Hazards not otherwise classified (HNOC) or not covered by GHS

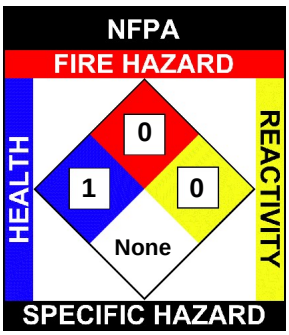
Route of Entry:	Skin Contact Eye Contact Inhalation
Inhalation:	Inhalation of vapor or mist can cause the following: irritation of nose, throat, and lungs. Headache and nausea.
Skin Contact:	Prolonged or repeated skin contact can cause the following: slight irritation
Eye Contact:	Direct eye contact with material may cause the following: slight to severe irritation
Ingestion:	Material may be harmful or fatal if swallowed.

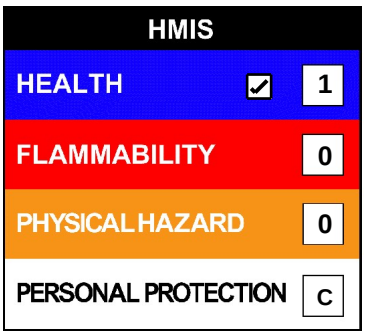
EMERGENCY OVERVIEW:

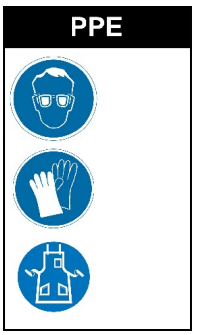
CAUTION!

When involved in a fire or exposed to high temperatures for an extended period of time, organic pigments may smolder or burn evolving noxious fumes which can include oxides of nitrogen and carbon, or other toxic copounds.

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = None
HMIS III: Health = 1(Chronic), Fire = 0, Physical Hazard = 0
HMIS PPE: C - Safety Glasses, Gloves, Apron







3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
7732185	52-61%	Water
147148	35-40%	Pigment Blue 15:3
64366-70-7	2-4%	Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether
35209-54-2	2-4%	2-Propenoic acid, polymer with ethenylbenzene, ammonium salt

*Products not properly identified are either proprietary or non-hazardous.

4 FIRST AID MEASURES

Inhalation: Move subject to fresh air and seek medical attention if breathing is difficult or other symptoms develop.
Skin Contact: Wash affected area with soap and water. Remove severely contaminated clothing and clean before reuse. Seek medical attention in the unlikely event that irritation develops.
Eye Contact: Rinse immediately with plenty of water. If irritation persist call physician.
Ingestion: Do not give anything by mouth to an unconcious person. Do not induce vomitting without medical consent. Get immediate medical attention.

5 FIRE FIGHTING MEASURES

Flammability: Non-Flammable
Flash Point: >200 °F
Flash Point Method: cc
Burning Rate: No data
Autoignition Temp: No data
LEL: Not Applicable
UEL: Not Applicable

Use extinguishing media appropriate for surrounding fire.
Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.
Wear protective clothing, boots, gloves, and eye protection.

6 ACCIDENTAL RELEASE MEASURES

Dike and soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Remove and dispose of in accordance with federal, state, and local laws.

7 HANDLING AND STORAGE

Handling Precautions:	Use only in well ventillated areas. Avoid contact with eyes. Avoid contact with skin. Avoid breathing vapor. When using do not eat, drink or smoke.
Storage Requirements:	Keep from freezing. Store containers in cool dry place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Where engineering controls are indicated by use conditions or a potential for ecessive exposure exists, the following traditional exposure control techniques may be used to effectively minimize employee exposures: general area dilution/exhaust ventilation.
Personal Protective Equipment:	HMIS PP, C | Safety Glasses, Gloves, Apron HMIS PP, C | Goggles, Gloves, Apron Eye contact should be prevented through use of chemical safety glasses with side shields or splash proof goggles. An emergency eye wash should be readily accesible to the work area. Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial regulations.

There are no ACGIH TLV's or OSHA PEL's established for this product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Blue		
Physical State:	Liquid	Odor:	Acrylic odor
Spec Grav./Density:	1.10	Solubility:	Dilutable
Boiling Point:	212 °F	Percent Volatile:	58-62
Vapor Pressure:	17.0 mmHG @ 20°C	Freezing/Melting Pt.:	32 °F
pH:	8.5-9.0	Vapor Density:	<1.0 water
		VOC:	<1

10 STABILITY AND REACTIVITY

Chemical Stability:	Stable
Conditions to Avoid:	Keep from freezing.
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition:	When involved in a fire, this product may evolve noxious gases which are toxic. These compounds may include carbon monoxide, carbon dioxide, nitrous oxides, or hydrogen chloride, depending on the pigment used in the dispersion. All water must be driven off first in order for this to occur. Diarylide yellow pigments may thermally decompose in polymeric resin applications when processed at temperatures exceeding 200 °C (392 °F). Decomposition products may include various monoazo dyes, hydrocyanic acid, and aromatic amines-including 3,3' - dichlorobenzidine (DCB).
Hazardous Polymerization:	Product will not undergo polymerization.

11 TOXICOLOGICAL INFORMATION

GENERAL:
Based on industry-wide experience over many years of manufacturing and published toxicological studies, organic pigments in general are considered to be practically non-toxic. This low order of toxicity is probably due to the fact that pigments are somewhat inert and insoluble substances.

There are no established TLV's or PEL's for this product.

ACUTE (SHORT-TERM) TOXICITY:
This product has a reported acute oral LD50 value of >2,000 mg/kg in rats.

The product has not been tested. The statement has been derived from the properties of the individual components.

CHRONIC (LONG TERM) TOXCICITY:
No carcinogenicity and no breakdown reported.

MUTAGENICITY:
No known published data available.

12 ECOLOGICAL INFORMATION

TOXICITY

This product has not been evaluated for its Eco toxicity. However, the biodegradation of organic colorants under aerobic conditions is expected to be poor and there is no evidence to suggest they create any significant ecological problems when released into the environment. Since organic pigments are generally insoluble compounds, they are believed to have minimal bioaccumulation and bioavailability characteristics.

Other Information : LC50 (96 h) 10-100 mg/l, Fish

Bacteria : EC50 (activated sludge):1-20 mg/l
Exposure time:3h
Test Type: Respiration inhibition

ASSESSMENT BIODEGRADATION AND ELIMINATION (H20)
The colorant is insoluble in water and can thus be separated from water mechanically in suitable effluent treatment plant

ELIMINATION INFORMATION
Poorly biodegradable.

CHEMICAL OXYGEN DEMAND (COD)
N.D.
BIOLOGICAL OXYGEN DEMAND (BOD5)
N.D.

13	DISPOSAL CONSIDERATIONS

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Please be advised that the state and local requirements for waste disposal may be more restrictive or otherwise different from federal laws and regulations. Consult state and local regulations regarding the proper disposal of this material.

14	TRANSPORT INFORMATION

D.O.T. SHIPPING NAME.....NOT REGULATED
D.O.T. HAZARD CLASS.....NONE
D.O.T. LABLE.....NONE
D.O.T. PLACARD.....NONE
BILL OF LADING DESCRIPTION.....PIGMENTS NOI LIQUID
CERCLA SUBSTANCE.....NOT REGULATED
REPORTABLE QUANTITY.....NONE

INTERNATIONAL
UN/NA NUMBER.....NOT REGULATED OR CLASSIFIED
IMDG/IACO CLASSIFICATION.....NOT REGULATED OR CLASSIFIED
IATA CLASSIFICATION.....NOT REGULATED OR CLASSIFIED

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Water (7732185) [50-60%] TSCA

Pigment Blue 15:3 (147148) [35-40%] TSCA

Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether (64366-70-7) [n/a%] TSCA

2-Propenoic acid, polymer with ethenylbenzene, ammonium salt (35209-54-2) [n/a%] TSCA

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

OSHA Hazard Communication Standard Status
This product is considered to be a hazardous substance under OSHA's Communication Standard 29 CFR 1910.1200. It may be mildly irritating to the eyes.

Toxic Substances Control Act (TSCA) Status.
All of the ingredients of this material have been reported to the U.S. EPA and are included in the TSCA chemical inventory.

CERCLA Reportable Quantiy (RQ)
None (Nor regulated)

SARA Title III
Section 302 (EHS).....:None
Section 311/312 (Acute)....:NO
Section 313.....:NO

RCRA
Not regulated as a hazardous waste under RCRA.

Canadien WHMIS
This material may be a controlled product under WHIMS, due to eye iritation.

Pennsylvania
Any material listed "Not Hazardous" in the CAS REG NO. column of section 2, Composition/Information on ingredients, of this MSDS is a trade secret under provisions of the Pennsylvania Worker and Community Right-to-Know Act.

16 OTHER INFORMATION

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Grant Industries Inc., assumes no responsibility for personal injury or property damage caused by this material. Users assume all risks associated with the use of this material.