



SAFETY DATA SHEET

in accordance with the 2012 OSHA Hazard Communication Standard.
(29 CFR § 1910.1200)

Document Dates:

Origination:

13-Oct-2004

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05-Nov-2018

Print:

05-Nov-2018

Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Id:

83Y1762

Product Name:

CHROMO ORANGE PVC DISP

Other means of identification

CAS Number:

Mixture

Synonyms:

None

Recommended use of the chemical and restrictions on use

Recommended Use:

FOR INDUSTRIAL USE ONLY!

Uses advised against:

No information available

Details of the supplier of the safety data sheet

Manufacturer:

Penn Color, Inc.
400 Old Dublin Pike
Doylestown, PA 18901

Contact Numbers:

1-215-997-2221

Facsimilie:

1-215-822-5801

Emergency telephone number:

Chemtrec USA: 1 (800) 424-9300 or +1 (703) 527-3887

Chemtrec Registrant

Penn Color, Inc. CCN - 16979

Identifier:

Section 2. HAZARDS IDENTIFICATION
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Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin sensitization	Category 1
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Label Elements

EMERGENCY OVERVIEW

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Signal Word WARNING

Hazard Statements

May cause an allergic skin reaction



Physical State: Solid.

Appearance: Chip

Odor: None known

Precautionary Statements - Prevention

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves

Precautionary Statements - Response

IF ON SKIN: Wash with plenty of soap and water If skin irritation or rash occurs: Get medical advice/attention Wash contaminated clothing before reuse

Precautionary Statements - Storage

- Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

- Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

- None

Other Information:

No information available

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	EU - CLP (1272/2008) - Annex VI - Table 3.1 - Specific Concentration Limits
Organo Phosphite	Proprietary	0.1 - < 0.25	Aquatic Chronic 2 (H411) Skin Sens. 1 (H317)	

If CAS number is "proprietary", the specific chemical identity and percentage of composition has been withheld as a trade secret

Section 4. FIRST AID MEASURES

First aid measures

Eye Contact

- Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician

Skin Contact

- Wash skin with soap and water

Inhalation

- Remove to fresh air

Ingestion

- Clean mouth with water and drink afterwards plenty of water

Most important symptoms and effects, both acute and delayed

Symptoms

- No information available

Indication of any immediate medical attention and special treatment needed

Note to physicians • Treat symptomatically

Section 5. FIREFIGHTING MEASURES

Suitable Extinguishing Media

- CO₂, dry chemical, dry sand, alcohol-resistant foam

Unsuitable Extinguishing Media

- Caution: Use of water spray when fighting fire may be inefficient

Specific hazards arising from the chemical

- Thermal decomposition can lead to release of irritating and toxic gases and vapors

Explosion data

Sensitivity to Mechanical Impact	None
Sensitivity to Static Discharge	None

Protective equipment and precautions for firefighters

- As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Section 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions • Ensure adequate ventilation, especially in confined areas

Environmental precautions

Environmental precautions • See Section 12 for additional Ecological Information

Methods and material for containment and cleaning up

Methods for Containment • Prevent further leakage or spillage if safe to do so

Methods for cleaning up • Pick up and transfer to properly labeled containers

Section 7. HANDLING AND STORAGE
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Precautions for safe handling

Advice on safe handling • Handle in accordance with good industrial hygiene and safety practice

Conditions for safe storage, including any incompatibilities

Storage Conditions	• Keep container tightly closed in a dry and well-ventilated place
Incompatible materials	• None known based on information supplied

Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
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Appropriate engineering controls

Engineering Controls	Showers Eyewash stations Ventilation systems
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Individual protection measures, such as personal protective equipment

General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice
Eye/face protection	No special technical protective measures are necessary
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State:	Solid		
Appearance:	Chip	Odor:	No information available
Color:	Orange	Odor Threshold:	No information

available

<u>Property</u>	<u>Values</u>	<u>Remarks / - Method</u>
pH	Not applicable	
Melting point / melting range	No information available	None known
Boiling point / boiling range (° C)	Not applicable	
Flash Point (° C):	Not applicable	
Evaporation rate	Not applicable	
Flammability (solid, gas)	No information available	None known
Flammability Limit in Air		
upper flammability limit	No information available	
lower flammability limit	No information available	
Vapor Pressure	Not applicable	
Vapor Density	Not applicable	
Specific Gravity	1.352	
Bulk Density (Measured in lb/gal):	No information available	None known
Water Solubility	No information available	None known
Solubility in Other Solvents	No information available	None known
Partition Coefficient: n-octanol / water	No information available	None known
Autoignition temperature	No information available	None known
Decomposition temperature	No information available	None known
Kinematic Viscosity	Not applicable	
Oxidizing Properties	No information available	None known
<u>Other Information</u>		
Softening Point	No information available	
Pour Point	No information available	
Molecular weight	No information available	

Section 10. STABILITY AND REACTIVITY

Reactivity

- Not Applicable

Chemical stability

- Stable

Possibility of Hazardous Reactions

- None under normal processing

Conditions to avoid

- Extremes of temperature and direct sunlight

Incompatible materials

- None known based on information supplied

Hazardous Decomposition Products

- Thermal decomposition can lead to release of irritating and toxic gases and vapors

<h2>Section 11. TOXICOLOGICAL INFORMATION</h2>

Information on likely routes of exposure

Product Information

Inhalation	No data available
Eye Contact	No data available
Skin Contact	No data available
Ingestion	No data available

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin Corrosion / Irritation:	No information available
Serious Eye Damage / Eye Irritation:	No information available
Irritation:	No information available
Corrosivity:	No information available
Sensitization:	No information available
Mutagenic Effects:	No information available
Carcinogenicity:	No information available.

Other Information:

Other:	No information available
Reproductive Toxicity	No information available
Developmental Toxicity	No information available
Teratogenicity	No information available
STOT - single exposure	No information available
STOT - repeated exposure	No information available
Chronic Toxicity	No information available
Subchronic Toxicity	No information available
Target Organ Effects	No information available
Neurological Effects	No information available
Other Adverse Effects	No information available
Aspiration Hazard	No information available

Numerical Measures of Toxicity • Product Information

Unknown Acute Toxicity	No information available
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Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Chemical Name	Algae / Aquatic Plants:	Fish:	Crustacea:
Diisononyl Phthalate	1.8: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 500: 72 h Desmodesmus subspicatus mg/L EC50		0.06: 48 h Daphnia magna mg/L EC50 Static 500: 48 h Daphnia magna mg/L EC50

Persistence and Degradability:	No information available
Mobility:	No information available
Marine Pollutant:	No information available
Bioaccumulation:	No information available

<u>Other Adverse Effects</u>	No information available
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Section 13. DISPOSAL CONSIDERATIONS
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Waste treatment methods

Disposal of wastes	• Disposal should be in accordance with applicable regional, national and local laws and regulations
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Contaminated packaging • Do not reuse container

Section 14. TRANSPORT INFORMATION
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USDOT:

Status: Not regulated.

ICAO / IATA:

Status: Not regulated.

IMO:

Status: Not regulated.

Section 15. REGULATORY INFORMATION

International Inventories:

Australia	All of the ingredients are listed on or compliant with the AICS Inventory.
Canada:	All of the ingredients are listed on or compliant with the DSL Inventory.
China:	All of the ingredients are listed on or compliant with the IECSC Inventory.
Europe:	For further information regarding the REACH compliance of this item, please contact Regulatory Affairs.
Japan:	One or more of the ingredients are not listed or compliant with the ENCS Inventory.
Korea:	One or more of the ingredients are not listed or compliant with the KECL

Inventory.

Mexico One or more of the ingredients are not listed or compliant with the INSQ Inventory.

New Zealand: All of the ingredients are listed on or compliant with the NZIoC Inventory.

Philippines: All of the ingredients are listed on or compliant with the PICCS Inventory.

Taiwan: One or more of the ingredients are not listed on or compliant with the TCS Inventory.

United States: All of the ingredients are listed on or compliant with the TSCA Inventory.

Legend:

AICS - Australia Inventory of Chemical Substances

DSL/NDSL - Canada Domestic Substances List/Non-Domestic Substances List

IECSC - China Inventory of Existing Chemical Substances

ENCS - Japan Existing and New Chemical Substances

INSQ - Mexico National Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemical Substances.

KECL - Korea Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TCSI - Taiwan Chemical Substances Inventory

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations:

CWA (Clean Water Act):

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	RQ of Designated Hazardous Substances:	CWA - Toxic Pollutants	Clean Water Act - Priority Pollutants:	Clean Water Act - Hazardous Substances
Diisononyl Phthalate		X		

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the

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Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

U.S. EPA Label Information:

EPA Pesticide Registration Number: Not Applicable

US State Regulations:

California Proposition 65:

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
Diisononyl Phthalate	carcinogen

Note:

This product may contain trace levels of metal impurities that are on the California Proposition 65 list. This product may also contain other substances on the California Prop 65 list at levels below 1000 ppm. For some of these substances, their listings are qualified as specifically relating to airborne, unbound particles of respirable size. If additional information is needed please send a request to msds@penncolor.com.

U.S. State Right-to-Know Regulations:

Chemical Name	New Jersey Right to Know List:	Massachusetts Right to Know List:	Pennsylvania Right to Know List:
Diisononyl Phthalate 28553-12-0			Environmental hazard

Canadian Regulatory Rules:

No component of this product is included on a Canadian Regulatory list of interest above its reporting threshold value.

Section 16. OTHER INFORMATION

HMIS Health Rating:

HEALTH:	1
FLAMMABILITY:	1
REACTIVITY:	0
PERSONAL PROTECTION:	X

Prepared By	Regulatory Affairs
Revision Date:	28-Jul-2015
Revision Note:	No information available
Reason for Revision:	No information available.

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Environmental Program Definitions:	CSG - The Council of State Governments SARA - Superfund Ammendments and Reauthorization Act TPCH - The Toxics in Packaging Clearinghouse WHMIS - Workplace Hazardous Materials Information System
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Inventory Definitions:	DSL - Canadian Domestic Substances List NDSL - Canadian Non-Domestic Substances List EINECS - European Inventory of Existing Chemical Substances ELINCS - European List of Notified Chemical Substances TSCA - United States Toxic Substances Control Act
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Occupational Exposure Definitions:	ACGIH - American Conference of Governmental Industrial Hygenists. CNS - Central Nervous System GI - Gastrointestinal NIOSH - National Institute for Occupational Safety and Health - United States OEL - Occupational Exposure Limits - France, Germany, Poland, Sweden OSHA - Occupational Safety and Health Administration PEL - Permissible Exposure Limit - United States STEL - Short Term Exposure Limit - United Kingdom and United States TLV - Threshold Limit Value - United States TWA - Time Weighted Average - United Kingdom and United States
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Toxicity Definitions:	LC50 - A LC50 is a calculated concentration of a substance in an air for a
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specified length of time, which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population.

LD50 - A LD50 is defined as the calculated dose of a substance in an exposure, other than inhalation for a specified length of time, which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance by any route (other than inhalation) of a significant number from that population.

Ecological Definitions:

LC0 - A LC0 is a calculated concentration of a substance in a media for a specified length of time, which is expected to cause the death of 0% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population.

LC50 - A LC50 is a calculated concentration of a substance in a media for a specified length of time, which is expected to cause the death of 50% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population.

LC100 - A LC100 is a calculated concentration of a substance in a media for a specified length of time, which is expected to cause the death of 100% of an entire defined experimental animal population. It is determined from the exposure to the substance of a significant number from that population.

EC50 - It is the concentration at which 50% of the maximum biological response is reached.

Transportation Definitions:

EmS - Emergency Response Procedures for Ships Carrying Dangerous Goods - IMO

IATA - International Air Transport Association

ICAO - International Civil Aviation Organization

IMDG - International Maritime Dangerous Goods

IMO - International Maritime Organization

MFAG - Medical First Aid Guide- IMO

N.O.S. - Not Otherwise Specified

RQ - Reportable Quantity

UN - United Nations

USDOT - United States Department of Transportation

Weight and Measurement Definitions:

cc - cubic centimeter

m³ - Cubic meters

°C - Degrees Celsius

g - Grams

h - Hour

Hr - Hour

kg - Kilograms

L - Liter

m - Meter

μL - Microliters

mg - Milligram

mL - milliliters

mPa.s - Millipascal seconds

ppb - Parts per billion

ppm - Parts per million
% - Percentage
lb - Pounds
rpm - revolutions per minute

Miscellaneous Definitions:

CAS - Chemical Abstract System
ESIS - European chemical Substances Information System
NJTS - New Jersey Trade Secret

End of Safety Data Sheet