



SAFETY DATA SHEET

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

Document Dates:

Origination: <i>16-Mar-2004</i>	Last Regulatory Review: <i>20-Jun-2016</i>	Print: <i>20-Jun-2016</i>
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Section 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product identifier

Product Id: 83Y637
Product Name: YELLOW IRON OX PVC DISPERSION

Other means of identification

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
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Emergency telephone number:

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

Chemtrec Registrant Identifier: Penn Color, Inc. CCN - 16979

Section 2. HAZARDS IDENTIFICATION

Classification

83Y637 - YELLOW IRON OX PVC DISPERSION

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

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Skin sensitization	Category 1

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

Causes skin irritation Causes serious eye irritation May cause an allergic skin reaction



Physical State: Solid

Appearance: Chip

Odor: None known

Precautionary Statements - Prevention

- Wash face, hands and any exposed skin thoroughly after handling
- Avoid breathing dust/fume/gas/mist/vapors/spray
- Contaminated work clothing should not be allowed out of the workplace
- Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- IF ON SKIN: Wash with plenty of soap and water
- Take off contaminated clothing and wash before reuse
- If skin irritation or rash occurs: Get medical advice/attention

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:**Section 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Component:	CAS #:	Weight %:	Classification according to Regulation (EC) No. 1272/2008 [CLP]	EU - CLP (1272/2008) - Annex VI - Table 3.1 - Specific Concentration Limits
1-(2-Hydroxyethyl)-2-Heptadecenyl Imidazoline	27136-73-8	1 - < 3	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Skin Sens. 1 (H317) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	

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
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Sensitivity to Static Discharge	None
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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
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Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Chip	Odor:	None known
Color:	Yellow	Odor Threshold	None

<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	0.953	
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

Other Information

Softening 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

Carbon monoxide (CO), carbon dioxide (CO₂), nitrogen oxides and other toxic compounds.

Section 11. TOXICOLOGICAL INFORMATION
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Information on likely routes of exposure

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

Component Information:

Component:	Oral LD50	Dermal LD50	Inhalation LC50
Diisononyl Phthalate	= 2550 mg/kg (Rat)		

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 data available.

STOT - single exposure No information available

STOT - repeated exposure No information available

Aspiration Hazard No information available

Numerical measures of toxicity Product Information

Unknown Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 34066 mg/kg

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Component Information:

Component:	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	0.14: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.14: 96 h Pimephales promelas mg/L LC50 static 0.17: 96 h Lepomis macrochirus mg/L LC50 static 0.19: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Brachydanio rerio mg/L LC50 semi-static 500: 96 h Leuciscus idus mg/L LC50 static	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

Other Adverse Effects: No information available

Section 13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

Section 14. TRANSPORT INFORMATION

USDOT:

Status: Not regulated.

ICAO / IATA:

Status: Not regulated.

IMO:

Status: Not regulated.

Section 15. REGULATORY INFORMATION

International Inventories:

Australia	One or more of the ingredients are not 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:	One or more of the ingredients are not listed or compliant with the EINECS Inventory.
ENCS:	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.
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.
United States:	All of the ingredients are listed on or compliant with the TSCA Inventory.

Legend:

AICS - Australian Inventory of Chemical Substances

DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

NZIoC - New Zealand Inventory of Chemical Substances.

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

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

US Federal Regulations:

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

SARA 311/312 Hazard Categories:

Acute health hazard	No
Chronic Health Hazard	No

83Y637 - YELLOW IRON OX PVC DISPERSION

Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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 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

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

Component:	California Propostion 65
Diisononyl Phthalate	carcinogen

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

Component Information:

Component:	New Jersey Right to Know List:	Massachusetts Right to Know List:	Pennsylvania Right to Know List:
Diisononyl Phthalate			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:

Revision Note:

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

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

**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

Toxicity Definitions:

LC50 - A LC50 is a calculated concentration of a substance in an air 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.

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.

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