



SAFETY DATA SHEET

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

Document Dates:

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13-Jul-2005

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11-Jan-2018

Print:
11-Jan-2018

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

Product identifier

Product Id: **83Y560A**

Product Name: **2GLT IRGAZN YEL PVC DISPERSION**

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 Identifier: Penn Color, Inc. CCN - 16979

Section 2. HAZARDS IDENTIFICATION

Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR § 1910.1200)

Label Elements

EMERGENCY OVERVIEW

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR § 1910.1200)

Signal Word None

Physical State: Solid.

Appearance: Chip

Odor: None known

Precautionary Statements - Prevention

- None

Precautionary Statements - Response

None

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

- None

Hazards not otherwise classified (HNOC)

- None

Other Information:

No information available

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health

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

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

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems

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: | Yellow | 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 | 1.000 | |
| 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 |
| 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

Section 11. TOXICOLOGICAL INFORMATION

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 |

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| | |
|---------------------------|---------------------------|
| 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

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|-------------------------------|--------------------------|
| Unknown Acute Toxicity | No information available |
|-------------------------------|--------------------------|

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

| 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 | | 0.06: 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 |

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|------------------------------|--------------------------|
| Other Adverse Effects | No information available |
|------------------------------|--------------------------|

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 |
| Contaminated packaging | • Do not reuse container |

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| Section 14. TRANSPORT INFORMATION |
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USDOT:

Status: Not regulated.

ICAO / IATA:

Status: Not regulated.

IMO:

Status: Not regulated.

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| Section 15. REGULATORY INFORMATION |
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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: | One or more of the ingredients are not listed or compliant with the EINECS Inventory. |
| Note: | One or more ingredients of this item are listed on ELINCS while the remainder of the ingredients are listed on EINECS or they are exempt from listing. For additional information on European chemical |

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registration, please contact the Regulatory Affairs department at msds@penncolor.com

| | |
|-----------------------|---|
| 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. |
| 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 - Australian Inventory of Chemical Substances

DSL/NDSL - 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

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)

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

CERCLA:

83Y560A - 2GLT IRGAZN YEL PVC DISPERSION

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

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

| Component: | 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:

| Component: | 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.

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| Section 16. OTHER INFORMATION |
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HMIS Health Rating:

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

| | |
|-----------------------------|---------------------------|
| Prepared By | Regulatory Affairs |
| Revision Date: | 11-Jan-2018 |
| 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 Amendments 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 Hygienists. 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.

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