



Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name DYE KIT INFINITY BLUE
Product Number N/A
Color Index Number N/A
Color Index Name N/A
C.A.S # Proprietary
Material Uses Textile Dye

Supplier/Manufacturer **Dye Systems Inc.** Phone: (706) 277-1266
2211 Industrial South Rd. Fax: (706) 277-7087
P.O. Box 4118
Dalton, GA 30719

Safety Production Manager Tim Bagley

In case of emergency (24h/7 day) (800) 424-9300 (Chemtrec)

2. HAZARDS IDENTIFICATION

GHS Classification Not a hazardous substance or mixture according to the Globally Harmonized System (GHS).

GHS Label Elements

Signal Word None

Pictogram(s) None

Hazard Statement(s) No known significant effects or critical hazards

Precautionary Statement(s) P262 Avoid ingestion, inhalation, skin and eye contact.
Handle in accordance with good industrial hygiene practice and any legal requirements.

Hazards not otherwise classified or not covered by GHS None

H.M.I.S. Identification

Health 1 **Flammability** 1 **Reactivity** 0 **Personal Protection** X

The customer is responsible for determining the PPE code for this material

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture :

Name of hazardous component/composition **C.A.S #** **% by weight**

No hazardous components

Occupational exposure limits, if available, are listed in Section 8

4. FIRST AID MEASURES

Eye Contact Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Skin Contact Immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Seek medical attention if symptoms occur.

Inhalation Move exposed person to fresh air and keep at rest in a position comfortable for breathing. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

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Ingestion Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Notes to physician No specific treatment. Treat symptomatically. Call medical doctor or poison control center immediately if large quantities have been ingested.

See toxicological information (Section 11)

5. FIREFIGHTING MEASURES

Flash Point Not applicable

Suitable Extinguishing Media Dry chemical, CO₂, water spray or regular foam.

Unsuitable Extinguishing Media None known.

Special protective actions for fire-fighters Keep unnecessary people away. Isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if you can do so without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Do not touch or walk through spilled material.

Special protective equipment for fire-fighters Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode to protect against potentially toxic and irritating fumes.

Specific hazards arising from the chemical No specific fire or explosion hazard.

Hazardous Decomposition Products Oxides of carbon, nitrogen and other potentially toxic fumes.

Remark Not explosive

6. ACCIDENTAL RELEASE MEASURES

For non-emergency personnel No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Put on appropriate personal protective equipment.

For emergency responders If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental Precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Flush area with copious amount of water. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling Use appropriate personal protective equipment. (see Section 8). Avoid breathing dust.

Advice on general occupational hygiene Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also

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Section 8 for additional information on hygiene measures.

Conditions for Safe Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|---|
| Appropriate Engineering Controls | Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposures to airborne contaminants below any recommended or statutory limits. |
| Environmental exposures controls | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |
| Hygiene measures | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| Eye/face protection | Wear side-shield safety glasses. |
| Hand protection | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. < 1 hour (breakthrough time): butyl or neoprene. |
| Body protection | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |
| Other skin protection | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Safety shower and eye wash station should be located near work area. |
| Respiratory protection | Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Respiratory protection, filter P1 |

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-----------------|
| Physical state | Solid. [Powder] |
| Color | Blue |
| Odor | Odorless |
| Odor Threshold | Not applicable |
| pH | Not available |
| Melting/Freezing Point | Not available |
| Boiling/Condensation Point | Not available |
| Flash Point | Not applicable |
| Evaporation rate | Not applicable |
| Flammability (solid,gas) | Non-Flammable |
| Lower explosion limit | Not available |
| Upper explosion limit | Not available |
| Vapor pressure | Not available |
| Vapor density | Not available |
| Specific gravity | Not available |
| Water Solubility | soluble |
| Partition coefficient: n-octanol/water | Not available |
| Auto-ignition temperature | Not available |
| Decomposition temperature | Not available |
| Ignition Temperature | Not available |

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(Deg C: SIT > 450*

ASTM-D1929B

Explosive properties

Not explosive

Oxidizing properties

None

Density

Not available

Viscosity

Dynamic (room temperature): Not applicable
Kinematic (room temperature): Not applicable.

10. STABILITY AND REACTIVITY

| | |
|---|--|
| Reactivity | No specific test data related to reactivity for this product or its ingredients. |
| Chemical stability | The product is stable. |
| Possibility of hazardous reactions | Under normal conditions of storage and use, hazardous reactions will not occur,. |
| Hazardous Decomposition Products | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Incompatibilities | No data available |
| Conditions to Avoid | No data available |

11. TOXICOLOGICAL INFORMATION

Acute Toxicity Data

| Product/Ingredient | Endpoint/Species | Result |
|--------------------|------------------|--------|
| No data | | |

Corrosion/Irritation

| | |
|------|---------|
| Skin | No data |
| Eyes | No data |

Skin

Sensitization

| | |
|------|---------|
| Skin | No data |
|------|---------|

Potential acute health effects

| | |
|-----------------------------|--|
| Eye contact | Exposures to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. |
| Inhalation | Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Exposures to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| Skin contact | No known significant effects or critical hazards. |
| Ingestion | No known significant effects or critical hazards. |
| Mutagenicity Data | No known significant effects or critical hazards. |
| Reproductive Data | No known significant effects or critical hazards. |
| Teratogenicity Data | No known significant effects or critical hazards. |
| Carcinogenicity Data | No known significant effects or critical hazards. |
| Skin | May be irritating to the skin. |
| Inhalation | Inhalation of dust may cause respiratory tract irritation. |

12. ECOLOGICAL INFORMATION

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Aquatic ecotoxicity

Product/Ingredient

No data available

Species

Period

Results

Persistence and Biodegradability

No data available

Other Adverse Effects

No data available

13. DISPOSAL CONSIDERATIONS

Waste Information

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state, and local requirements.

Disposal should be in accordance with applicable regional, national and local law and regulations.

14. TRANSPORTATION INFORMATION

| Regulatory Information | ID Number | Proper Shipping Name | Hazard Class | Packing Group | Label(s) |
|------------------------|-----------|-----------------------------|--------------|---------------|----------|
| DOT | | Not regulated for transport | | | |
| IMDG | | Not regulated for transport | | | |
| IATA | | Not regulated for transport | | | |

Marine Pollutant (Y/N)

No

Special Precautions

None

15. REGULATORY INFORMATION

TSCA 8(b) Inventory

All components are listed or exempted.

TSCA 5(a)2 final Significant new use rule (SNUR)

No ingredients listed.

TSCA 5(e) substance consent order

No ingredients listed.

TSCA 12(b) export notification

No ingredients listed.

SARA 311/312

Not classified.

SARA 313

No ingredients listed.

CERCLA HAZARDOUS SUBSTANCES

No ingredients listed.

California Prop 65

No component listed under California Prop 65

16. OTHER INFORMATION

THE DATA IN THIS SDS RELATES ONLY TO SPECIFIC MATERIAL DESIGNATED HEREIN AND DOES NOT RELATE TO USE IN COMBINATION WITH ANY OTHER MATERIAL OR IN ANY PROCESS. THIS INFORMATION IS BASED UPON TECHNICAL DATA THAT DYE SYSTEMS, INC. BELIEVES TO BE RELIABLE. IT IS INTENDED FOR USE BY TECHNICAL PERSONNEL AND AT THEIR OWN DISCRETION AND RISK. BECAUSE CONDITIONS OF USE ARE OUTSIDE OF OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUME NOTHING HEREIN IS TO BE TAKEN AS A LICENSE TO OPERATE UNDER OR A RECOMMENDATION TO INFRINGE UPON ANY PATENTS OR COPYRIGHTS. THIS PRODUCT SHOULD NOT BE USED IN VIOLATION OF ANY LOCAL, STATE, OR FEDERAL LAW.

Date:

6-16-15

Revision Date:

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