

# Perma Dye

## Section 1 – Product and Company Information

**Manufacturer** Inland Diamond Products Company - 32051 Howard Street Madison Heights, MI 48071 USA  
[www.inlanddiamond.com](http://www.inlanddiamond.com)  
USA Toll Free: 1-800-347-2020 USA 248-585 2330 Canada 800 231 6903

**Trade Name** Perma Dye

**Chemical Family:** Dyes

**Last Review Date:** June 1, 2015

**Product ID** DY-001, etc.

**Recommended Uses** Liquid colorants for ophthalmic lenses.

**Emergency Phone Number:**  
**CHEMTREC 1-800-424-9300 or 1-703-527-3887**

## Section 2 – Hazard Identification

**Classification:** This product is not classified as hazardous according to 29 CFR 1910.1200 (2012)

## Section 3 – Composition/Information on Ingredients

**Composition:** No components need to be disclosed according to applicable regulations.

## Section 4 – First Aid Measures

### Description of First Aid Measures;

**In Case of Skin Contact:** First aid not normally required. Remove contaminated clothing. Wash area of contact with soap and water. Wash clothing before reuse. Get medical attention if irritation occurs and persists.

**In Case of Eye Contact:** Remove contact lenses. Flush with water until all traces of material are gone. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get medical attention if irritation persists.

**If Inhaled:** Remove affected person from source of exposure. Get medical attention if breathing difficulty or discomfort persists.

**If Swallowed:** Do not induce vomiting because of danger of aspiration into lungs. If conscious, give a glass of water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, monitor for breathing difficulty. Get medical attention.

**Most Important Symptoms and Effects – Immediate and Delayed:** None known for this product.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** None known for this product.

## Section 5 – Firefighting Measures

**Extinguishing Media:** Product does not burn. Use Alcohol Foam, CO<sub>2</sub>, Water or Spray Fog as applicable for surrounding burning materials.

**Special Hazards Arising from the Substance or Mixture:** Use a water spray to cool fire-exposed containers, structures and to protect personnel.

**Advice for Firefighters:** Exposed firefighters should wear MSHA/NIOSH approved self-contained breathing apparatus with full-face mask and full protective equipment. Flush spills away from sources of ignition.

**Further Information:** Move or flush combustibles away from sources of ignition.

## Section 6 – Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Avoid breathing dust, vapors, mist or gas. Reclaim and recycle is preferred.

**Environmental Precautions:** Prevent entering waterways or sewers. Any spill or release to navigable water that causes a visible sheen upon the water must be reported immediately to the National Response Center (800/424-8802), as required by U.S. federal law.

### Methods and materials for containment and cleaning up

For large spills, isolate the release area and keep unnecessary people away. Exercise caution regarding personnel safety and exposure. Dike with sand or other material.

For Small Spills: Sweep or vacuum to collect as dry product. Use absorbents to collect liquids. Keep in suitable, closed containers for disposal. Flush area with water provided runoff does not enter drain or sewer; use absorbent material and dispose of properly.

**Reference to other sections:** For personal protection see section 8. For disposal see section 13.

## Section 7 – Handling and Storage

**Handling:** This product is inert, nonreactive and non-toxic. Safety wear such as dust masks and glasses should be worn when high concentrations of dusts are generated through the product use. Avoid handling that generates dust build-up. Avoid inhalation of dust (see Section 8).

**Storage:** Product should be stored in a dry location at ambient temperatures below 100. Avoid contact with oxidizers. .

## Section 8 – Exposure Control and Personal Protection

### Control parameters

#### Components with workplace control parameters:

**Product:** TLV 10 mg/m<sup>3</sup> (ACGIH)

**Fugitive Dust:** OSHA PEL 15 mg/m<sup>3</sup> avg. 8-hr Shift NIOSH ACGIH 0.015 mg/m<sup>3</sup> (as respirable fraction) avg. 8-Hr Shift CAL/OSHA PEL 10 mg/m<sup>3</sup> TWA.

**Engineering Controls:** Not normally needed except if product use creates nuisance dust requiring adequate ventilation respiratory protection describe below. The use of local exhaust ventilation is recommended to control emissions near the source. Provide appropriate ventilation of confined spaces. Use explosion-proof ventilation equipment.

**Eye and Face Protection:** Dust may cause mechanical irritation and dryness. Wear safety glasses.

**Skin Protection:** Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis). Use impervious gloves to avoid cuts and skin injuries.

**Respiratory Protection:** High concentrations of dusts generated through product use may cause irritation to the eyes, nose, and throat. Inhalation of freshly generated metallic oxide may cause metal fume fever characterized by flu-like symptoms. Wear an appropriate respirator in accordance with 29CFR 1910.134 or CSA Standard Z94.4-M1982 for dust exposure that may exceed recommended limits. Personal air monitoring is recommended to determine whether exposure exceeds limits. If adequate ventilation is not possible, then a self-contained breathing apparatus or an air supplied respirator is recommended. Respiratory Protection using a NIOSH approved dust mask is recommended where dust creation is likely.

## Section 9 – Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

Form: Liquid

Color: Dark

Odor: Little or None

#### Health, Safety and Environment Info

Boiling Point/Range: 212°F (100°C)

Flash Point: N/A

Auto Ignition Temp: Not Available

Lower Flammability-Explosion Limit: N/A

Upper Flammability-Explosion Limit: N/A

Vapor Pressure (mm Hg@100°F) : As Water

Vapor Density (Air=1): As Water

Freezing Point/Melting Point: 32°F (0°C)

Solubility (Water): Complete

Specific Gravity (H<sub>2</sub>O=1): 1.05

Evaporation Rate: As Water

Viscosity (SSU@ 100°F): N/A

pH: 7.0 – 8.5

#### Other Information:

Volatility

(v/v):

N/A

**Note:** Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

## Section 10 – Stability and Reactivity

**Hazardous Reactions/Decomposition Products:** Does not react under normal conditions of use.

**Possibility of hazardous reactions:** Stable under normal conditions of use.

**Conditions to avoid:** None known.

**Incompatible materials:** Avoid contact with strong oxidizers.

**Hazardous decomposition products:** May produce byproducts carbon dioxide and carbon monoxide.

**Other decomposition products:** None known.

## Section 11 – Toxicological Information

**General:** No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label.

**Acute and chronic toxicity:** No information for this mixture.

**Skin corrosion/irritation:** No information for this mixture.

**Inhalation:** No information for this mixture.

**Serious eye damage/eye irritation:** None expected.

**Respiratory or skin sensitization:** No data available.

**Germ cell mutagenicity:** No data available

**Reproductive toxicity:** No data available

**Specific target organ toxicity - single exposure:** No data available

**Specific target organ toxicity - repeated exposure:** No data available

**Aspiration hazard:** No data available.

**Carcinogenicity:** Product not classified as a carcinogen by the National Toxicology Program (NTP), the International Agency for Research on Cancer (IARC), or the Occupational Safety and Health Administration (OSHA).

## Section 12 – Ecological Information

**Ecotoxicity:** This product is not characterized as a hazard to the environment.

**Persistence and Biodegradability:** Material is biodegradable. Check with local, state and federal ordinances before discharging into local wastewater system. Information on biodegradability may be obtained from Inland.

**Bioaccumulative Potential:** Not Determined

**Mobility in Soil:** Not Determined

## Section 13 – Disposal Consideration

**US/RCRA Waste Disposal Methods:** None of the ingredients are currently listed as a substance or a source waste under current RCRA regulations (40 CFR 261.31, 32 and 33). However, disposed of water solutions containing this material are the responsibility of the user of the product to determine at the time of disposal, whether the product meets RCRA criteria for hazardous waste. This is because product uses, transformations, mixtures, processes, etc. may render the resulting materials hazardous. Avoid repacking wet material in sealed containers. Dispose of waste material according to Local, State and Federal Environmental Regulations.

## Section 14 – Transport Information

DOT Not Dangerous Goods

## Section 15 – Regulatory Information

**TSCA (Toxic Substance Control Act):** Components of this product are listed on the TSCA Inventory.

**DSL:** This product, or its components, are listed on or are exempt from the Canadian Domestic Substances List (DSL).

**Chemical Inventory Lists** All ingredients are listed on TSCA and DSL

**SARA Title III, Section 313 (40 CFR 372.65):** Not regulated

**SARA (311/312) Reportable Hazard Categories:** None

**State Right to Know Components:** None

**California Prop. 65 Components:** This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Canada:** This product is not a controlled product under WHMIS.

## Section 16 – Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

This SDS complies with the requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200