

# Water Soluble Ink Black, Red or Yellow

## 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** Water Soluble Ink

**Chemical Family:** Water Soluble Ink Black, Red or Yellow

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

**Product ID** 18210

**Recommended Uses** Used for marking 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 dust formation. Avoid breathing vapors, mist or gas. Reclaim and recycle is preferred.

**Environmental Precautions:** No special environmental precautions required. 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:** Floor and surfaces may be slippery.

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 up and shovel solids. 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

**Precautions for safe handling:** Wear proper protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Do not ingest. For intended use only. Use good hygiene practices when handling product, including changing and laundering work clothes after use. Get medical attention if you are exposed and feel unwell. The shipping and storage container is not designed to be pressurized. Do not use pressure to empty the container as it may rupture. Containers should be completely drained, properly closed, and promptly returned to a drum reconditioner or disposed of properly. Empty containers may contain residue or vapors. Do not cut, grind, drill, weld or reuse containers.

**Conditions for safe storage, including any incompatibilities:** Do not store near incompatible chemicals. When possible, store in a dry place at moderate temperatures (above freezing) away from heat and flames. This material is to be handled and applied according to label directions. Keep this product and all chemicals away from children and pets. Keep containers closed when not in use. Keep from freezing. Do not eat, drink, or smoke while using this product.

## Section 8 – Exposure Control and Personal Protection

### Control parameters

**Components with workplace control parameters:** Contains no substances with occupational exposure limit values.

**Exposure controls:** Appropriate engineering controls.

**Eye and Face Protection:** Wear safety glasses; use face shield if splashing is possible.

**Skin Protection:** Oil and chemical resistant gloves should be used to avoid repeated contact.

**Respiratory Protection:** Not normally needed. A NIOSH or MSHA approved respirator should be used in areas with high dust or vapor concentrations or oil misting.

## Section 9 – Physical and Chemical Properties

### Information on basic physical and chemical properties

#### General Information

Form: Liquid

Color: Black, Red or Yellow

Odor: Mild

#### 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) : <10

Vapor Density (Air=1): As Water

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

Solubility (Water): 70-95%

Specific Gravity (H<sub>2</sub>O=1): 1.038 @ 20°C (68°F)

Evaporation Rate: No Available

Viscosity (SSU@ 100°F): Not Determined.

pH: 8.0

#### Other Information:

Volatility (v/v): 60-80%

**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:** Does not decompose under normal conditions. May produce CO and CO<sub>2</sub> by-products.

**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:** Mixture is not hazardous.

**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:** IARC, ACGIH, NTP, OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen.

## Section 12 – Ecological Information

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

**Persistence and Biodegradability:** Not Determined

**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