

# 6301, 6310 Heat Transfer Fluid

Safety Data Sheet

## 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** 6310 Heat Transfer Fluid

**Chemical Family:** Cleaners

**Last Review Date:** June 15, 2015

**Product ID** 6301, 6310

**Recommended Uses** Heat transfer medium for tinting units.

**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:** Components need to be disclosed according to applicable regulations.

## Section 4 – First Aid Measures

**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.

**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.

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

**Ingestion:** 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.

## 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.

**Unusual Fire and Explosion Hazards:** None known.

## Section 6 – Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Prevent product from entering drains, waterways, sewers, basements or confined areas.

**Methods and materials for containment and cleaning up:** Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers for disposal.

**Reference to other sections and resources:** For personal protection see section 8. For disposal see section 13. If employees are required to clean-up spills, they must be properly trained and equipped. The OSHA Hazardous Waste Operations and Emergency Response Standard (29 CFR 1910.120) may apply.

## Section 7 – Handling and Storage

**Precautions for safe handling:** Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Keep away from sources of ignition - No smoking. Take measures to prevent the buildup of electrostatic charge. For precautions see section 2.

**Conditions for safe storage, including any incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames.

**Specific end use:** Section 1

## 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 misting.

## Section 9 – Physical and Chemical Properties

### General Information:

Physical State: Liquid

Form: Liquid

Color: Clear

Odor: None

### Health, Safety and Environment Info

Boiling Point/Range: 554°F (290°C)

Flash Point: 390°F (199°C)

Auto Ignition Temp: 698°F (370°C)

Lower Flammability-Explosion Limit: NA

Upper Flammability-Explosion Limit: NA

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

Vapor Density (Air=1): 3.1

Freezing Point/Melting Point: NA

Solubility (Water): Complete

Specific Gravity (H<sub>2</sub>O=1): 1.2-1.3 @ 22 °C (72°F: 1

Evaporation Rate: NA

Viscosity (SSU@ 100°F): NA

pH: Neutral to Litmus

### Other Information:

Volatility: NA

Density:

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SG

**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

**Reactivity:** Does not react under normal conditions of use.

**Chemical Stability:** Stable under normal conditions of use.

**Stability/Incompatibility:** Avoid contact with strong oxidizers.

**Conditions to Avoid:** None known.

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

## 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. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

**Acute and chronic toxicity:** ACGIH: TLV 10mg/m<sup>3</sup> for mist - LD50 17,000-27000 mg/kg (given orally to rats) LC50 > 0.57 mg/l (1 hour with rats)

**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:** This product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form. Under RCRA, it is 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, Federal, and Provincial Environmental Regulations.

## Section 14 – Transport Information

**DOT:** Not Regulated – **IATA:** Not Regulated – **IMDG:** Not Regulated

## 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:** 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.

## Section 16 – Other Information

**Disclaimer:** The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

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