

# SAFETY DATA SHEET



Colonial Chemical Solutions, Inc.

## SECTION 1 - COMPANY AND PRODUCT IDENTIFICATION

### PRODUCT

**Product Name:** DIISONONYL PHTHALATE (DINP)  
**Control Number:**  
**Product Description:** DIISONONYL PHTHALATE, Branched Alkyl Phthalate

### COMPANY IDENTIFICATION

**Supplier:** COLONIAL CHEMICAL SOLUTIONS, INC.  
916 West Lathrop Avenue  
Savannah, Georgia 31415

**24 Hour Emergency Telephone:** (800)-424-9300 CHEMTREC  
**General Information:** (912) 236-1331

## SECTION 2- HAZARDS IDENTIFICATION

### GHS Classification:

[ Health ]

None listed

[ Environmental ]

None listed

[ Physical ]

None listed

### GHS Label elements, including precautionary statements

### Pictograms

### Signal Word:

Hazard statement(s) listed

### Precautionary statement(s)

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P405 Store locked up.

## SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	%WT
Di-isononyl Phthalate	28553-12-0	100

## SECTION 4 - FIRST AID MEASURES

### FIRST AID PROCEDURES:

**Eye Contact:** Flush eyes with water as a precaution. Seek medical advice.

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation develops and persists.

**Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention if symptoms appear.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Seek medical attention if symptoms appear.

## SECTION 5 - FIRE FIGHTING MEASURES

**Suitable Extinguishing media:** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Hazardous combustion products:** Oxides of carbon and various hydrocarbons

**Fire Fighting Procedures:** As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

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**Unusual Fire and Explosion Hazards:** No unusual hazards found in any publications.

## SECTION 6 · ACCIDENTAL RELEASE and DISPOSAL MEASURES

**Small Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal.

**Large Spill:** Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Be careful that the product is not present at a concentration level above TLV.

## SECTION 7 · STORAGE AND HANDLING

**Handling:** Keep away from heat and sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. If ingested, seek medical advice immediately. Keep away from incompatibles such as oxidizing agents.

**Storage:** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## SECTION 8 · EXPOSURE CONTROLS AND PERSONAL PROTECTION

**Engineering Controls:** Provide adequate ventilation or other engineering controls to keep the airborne concentrations of vapor or mists below the applicable workplace exposure limits indicated below. The level of protection and types of controls will vary depending upon potential exposure conditions.

**Exposure Limits:** Di-isononyl phthalate NO Data available

### Personal Protective Equipment (PPE):

**Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

**Skin:** If prolonged or repeated skin contact is likely, wear appropriate protective gloves.

**Clothing:** Selection of protective clothing depends on work conditions, potential exposure conditions and may include gloves, boots, suits and other protective items.

**Respirators:** Where adequate ventilation is not available an approved respirator must be worn. Respirator selection, use and maintenance should be in accordance with the requirements of OSHA Respiratory Protection Standard, 29 CFR 1920.134. In confined areas, use a self-contained breathing apparatus.

## SECTION 9 · PHYSICAL AND CHEMICAL PROPERTIES

**Flash Point:** 228 °F

**Autoignition Temperature:** No available

**Boiling Point:** 403 °C

**Melting Point/Freezing Point:** NA/ -45°C

**Vapor Pressure:** <0.01 mmHg

**Vapor Density (Air=1):** >10

**Odor/Appearance:** Colorless, odorless liquid

**Flammability Limits:** Not applicable

**Specific Gravity:** 0.967 g/mL @ 20°C

**Volatile %:** No available data

**Evaporation Rate (Water=1):** <0.05

**pH:** 7.0

**Solubility in Water:** Insoluble

**Viscosity:** 76 cPs @ 20°C

## SECTION 10 · STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal use and temperature conditions.

**Conditions to Avoid:** Keep away from heat, flame and other potential ignition sources.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Polymerization:** Will not polymerize

**Hazardous Decomposition:** Thermal decomposition will produce oxides of carbon

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## SECTION 11 - TOXICOLOGICAL INFORMATION

### Signs and Symptoms of Overexposure:

**Skin:** Contact can cause redness and irritation.

**Eyes:** Vapors are irritating to the eyes. Liquid contact will cause stinging and tearing.

**Inhalation:** Excessive inhalation of high concentrations may be harmful. Mist or vapor can irritate the throat and lungs.

**Ingestion:** If swallowed this material may irritate the mucous membranes of the mouth throat and esophagus.

## SECTION 12 - ECOLOGICAL INFORMATION

**Aquatic Toxicity:** No data available

**Bio-accumulative potential:** No data available

**Mobility:** No published data.

## SECTION 13 - DISPOSAL CONSIDERATIONS

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## SECTION 14 - TRANSPORTATION

### U.S. DEPARTMENT OF TRANSPORTATION (Road or Rail):

**Proper Shipping Name:** Not a Regulated DOT Material

**Hazard Class**

**UN Number:**

**Packaging Group:**

## SECTION 15 - REGULATORY INFORMATION

### US FEDERAL REGULATIONS

#### Comprehensive Environmental Response and Liability Act (CERCLA)

This material is not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

**SARA 302:** No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. The reportable quantity (RQ) for this material has not been established.

**Toxic Substance Control Act (TSCA):** All components of this product are listed on the TSCA inventory list.

#### SARA Section 311/312 (40 CFR 370) Hazard Categories:

None

#### SARA Section 313 (40 CFR 372) Hazard Categories:

None

**Clean Water Act:** None of the chemicals in this product are listed as Hazardous Substances under the CWA

**Clean Air Act:** None of the chemicals in this product are listed as Hazardous Substances under the CCA.

**California Prop 65:** None

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## SECTION 16 - OTHER INFORMATION

**MSDS Revision Date:** September 2016

**National Fire Protection Association (NFPA) Ratings:** This information is intended solely for the use of individuals trained in the NFPA system.

**Health:** 0

**Flammability:** 3

**Reactivity:** 0

The information above is believed to be accurate and represents the best information currently available to us. However, Colonial Chemical Solutions makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Colonial be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Colonial has been advised of the possibility of such damages. The vendor assumes no responsibility for injury or damages resulting from the inappropriate alteration or manipulation of this MSDS and its contents from that originally submitted by Colonial.