



Safety Data Sheet

Section 1: Identification

Product Name: Plast-Inch
Synonyms: Diisononyl cyclohexane-1,2-dicarboxylate
Bis(7-methyloctyl) cyclohexane-1,2-dicarboxylate; 1,2-Cyclohexanedicarboxylic acid, dinonyl ester, branched and linear
CAS #: 474919-59-0
Chemical Formula: C₂₆H₄₈O₄
Company: AllChem Industries ICG, Inc. **Emergency Number:** CHEMTREC 800-424-9300
6010 NW First Place
Gainesville, FL 32607
Recommended Use: Industrial uses.
Restrictions on Use: No data available.

Section 2: Hazard Identification

GHS Label elements: **Not classified as dangerous according to GHS criteria for this product.*
**GHS label elements are not applicable for this product.*
Pictograms: **No Hazard symbol required.*

Section 3: Composition / Information on Ingredients

Component	CAS Number	Concentration	EC Number
Diisononyl cyclohexane-1,2-dicarboxylate	474919-59-0	100 %	

Section 4: First Aid Measures

Inhalation: Remove to fresh air.
If not breathing, apply artificial respiration.
Get medical assistance if symptoms occur.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel.
If victim is conscious and alert, rinse mouth with water
Never give anything by mouth to an unconscious person.
Get immediate medical attention.

Skin Contact: Flush skin with plenty of soap and water, while removing contaminated clothing and shoes.
Wash clothing before reuse or discard if they cannot be thoroughly cleaned.
Get medical assistance if symptoms occur.

Eve Contact: Flush eyes with plenty of water for at least 15 minutes, lifting the upper and lower eyelids.
Get immediate medical attention.

Note to Physician: Treat symptomatically and supportively.

Section 5: Fire Fighting Measures

- Extinguishing Media:** Use water spray, dry chemical, carbon dioxide, or alcohol resistant foam.
- Special Protective Equipment:** Wear a self-contained breathing apparatus MSHA/NIOSH (approved or equivalent), and full protective gear.
- Specific Hazards:** Fire residues and contaminated water must be disposed of in accordance with local regulations.

Section 6: Accidental Release Measures

- Emergency Procedures:** Wear personal protection equipment.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.
Ensure adequate ventilation.
Keep unnecessary personnel away and upwind.
- Environmental Precautions:** Prevent further leakage or spillage if safe to do so.
Do not let product enter soil, ditches, sewers, waterways, or groundwater.
- Methods of containment/cleanup:** Absorb with inert materials and place into appropriate containers for disposal.
Notify appropriate authorities and dispose of in accordance with applicable requirements.

Section 7: Handling and Storage

- Handling:** Wear personal protection equipment.
Avoid contact with eyes, skin and clothing.
Avoid ingestion and inhalation.
Use only in well-ventilated area.
Wash thoroughly after handling.
- Storage:** Store tightly closed container in a cool, dry, well-ventilated area away from direct sunlight.
Keep isolated from incompatible materials and oxidizing agents.
Keep away from heat, sparks, flame and other sources of ignition.

Section 8: Exposure Controls / Personal Protection

- Exposure Limit:** No exposure limits established.
- Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.
An emergency eye wash/shower must be readily accessible to the work area.
- Personal Protective Equipment:**
- Respirators:** Follow the OSHA respirator regulations found in 29 CFR 1910.134. In confined areas, use a self-contained breathing apparatus.
- Skin Protection:** Wear appropriate protective gloves and clothing to prevent skin exposure.
- Eye Protection:** Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133.

Section 9: Physical and Chemical Properties

Physical State:	Liquid
Color:	Clear, colorless liquid
Odor:	Almost Odorless
Odor Threshold:	No data available

pH:	No data available
Melting/Freezing Point:	- 54 °C
Boiling Point:	394 °C
Decomposition Temperature:	No data available
Flash Point:	224 °C
Auto-ignition Temperature:	> 300 °C
Flammability/Explosive Limits:	No data available
Vapor Pressure:	< 0.0001 Pa at 20 °C
Vapor Density (air=1):	No data available
Relative Density (water=1):	0.95 g/cm ³ at 20 °C
Solubility (in water):	< 0.02 mg/L at 25 °C
Partition coefficient: n-Octanol/water:	No data available
Evaporation Rate (Butyl Acetate=1)	No data available
Kinematic Viscosity	No data available
Molecular Weight:	424.67 g/mol

Section 10: Stability and Reactivity

Stability:	Stable at room temperature and under normal conditions.
Hazardous Reactions:	Thermally stable at typical use temperatures. Polymerization will not occur.
Conditions to Avoid:	Avoid heat, sparks, open flames and other sources of ignition.
Incompatible Materials:	Oxidizing agents, strong alkalies and acids.
Decomposition Products:	Carbon oxides.

Section 11: Toxicological Information

Potential Health Effects:

Inhalation:	Not expected to be harmful.
Skin Contact:	May cause mild skin irritation.
Eye Contact:	May cause eye irritation.
Ingestion:	No adverse effects are expected, however, large amounts may cause nausea and vomiting.

Numerical Measures of Acute Toxicity: No data available.

Additional Information:

Aspiration Toxicity:	Not classified based on available information.
Carcinogenicity:	This product is not classified as a carcinogen by IARC or U.S. ACGIH, NTP or OSHA.
Germ cell mutagenicity:	Not classified based on available information.
Reproductive toxicity:	Not classified based on available information.
Sensitization:	Not classified based on available information.

STOT - Repeated Exposure: Not classified based on available information.

STOT - Single Exposure: Not classified based on available information.

Section 12: Ecological Information

Ecotoxicity: Not classified based on available information.

Persistence and Degradability: Not Readily Biodegradable.

Bioaccumulative Potential: Low potential for bioaccumulation.

Mobility in Soil: Low potential for soil mobility.

Section 13: Disposal Considerations

Packaging: Empty containers may retain product residue, follow label warnings even after container is emptied.

Disposal: Dispose of according to Federal, State, and Local Regulations.

Section 14: Transportation Information

The information in this section is for reference only and should not take the place of a bill of lading specific to an order.

Product is not regulated for transport per 49 CFR

Section 15: Regulatory Information

US Federal - TSCA: This product is listed on the TSCA active inventory.

California - Prop 65: This product is not subject to the State of California's Proposition 65 regulations.

Section 16: Other Information

Revision Date: Wednesday, February 26, 2020

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