



Safety Data Sheet

1. Product and Company Identification

Product Name: Polyethylene (PE) Plastic Pipe

Supplier: Centennial Plastics, Inc., 1830 Centennial Avenue, Hastings, NE. 68901 1-402-462-2227

Trade Names: CenCore CenFlo CenFuse ProTurf Green ProTurf Blue CenFlex CenGas

PipeUses: Potable water, geothermal, turf irrigation, natural gas distribution, stock water, sewer, oil & gas gathering and reclaimed water systems.

Emergency Telephone Number: 24 Hour Emergency Assistance - CHEMTREC 1-800-424-9300

2. Hazard (s) Identification

Physical State: Straight Lengths or coiled pipe

Emergency Overview: These products are non-hazardous under Hazard Communication Standard 29 CFR 1910.1200

3. Composition/Information on Ingredients

Name: Polyethylene Ethene-Hexene-1 Copolymer or Polyethylene Ethene-Butene-1 Copolymer

4. First Aid Measures

Inhalation: NONE

Eyes: NONE

Skin: NONE

Ingestion: NONE

5. Fire-Fighting Measures

Flammability of the Product: May be combustible at high temperature or when flame is put to it.

Flash point: >650°F (ASTM E 136)

Auto-Ignition Temperature: >650°F (estimated)

Extinguishing: In case of fire, use water spray (fog) foam or dry chemical.

Hazardous Thermal Decomposition: Carbon dioxide, carbon monoxide. May also contain low levels of aldehydes, ketones, organic acids or hydrocarbons.

Special protective equipment for fire-fighters: Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. Accidental Release Measures

Land spill: Dispose of as normal refuse. Comply with applicable federal, state or local regulations.

Waste disposal: Dispose in accordance with local regulations.

7. Handling and Storage

Handling: Inspect pipe for gouges or cuts. Those found in excess of 10% of the wall thickness, should not normally be used.

Storage: It is recommended that polyethylene pipe should either be stored inside or covered, to protect it from ultra-violet rays.

8. Exposure Controls/Personal Protection

Respiratory Protection: NONE

Protective Gloves: NONE

Eye Protection: Safety Glasses

Other Protective Clothing and Equipment: NONE

9. Physical and Chemical Properties

Appearance and Odor: Black, Green, Blue/White Flexible pipe- Odorless

Boiling Point: Not applicable

Solubility: Insoluble in water

Evaporation: Not applicable

Specific Gravity: 0.935-0.970 (g/cm³ @ 23°C)

Vapor Pressure: Not applicable

Melting Point: 230-275°F

Vapor Density: Not applicable

Percent Volatile: Negligible

10. Stability and Reactivity

Stability:	This pipe is stable.
Hazardous polymerization:	Hazardous polymerization will not occur.
Conditions to avoid:	Avoid temperatures over 650°F. Avoid storage or contact with strong oxidizing agents.
Combustion Products:	The following combustion products may be generated: carbon dioxide, carbon monoxide, water vapor, and trace volatile organic compounds.

11. Toxicological Information

Carcinogenicity	No component of this product at levels greater than 0.1% is identified as a carcinogen by ACHIH or International Agency for Research on Cancer.
Mutagenicity	No component of this product at levels greater than or equal to 0.1% is classified by established regulatory criteria as a mutagen.
Teratogenicity	No component of this product at levels greater than or equal to 0.1% is classified by established regulatory criteria as teratogenic or embryotoxic.
Fertility Effects	No component of this product at levels greater than or equal to 0.1% is classified by established regulatory criteria as a reproductive toxin.

12. Ecological Information

Environmental Effects	No testing has been performed by the manufacturer.
Other Adverse Effects	No known significant effects or critical hazards.

13. Disposal Considerations

Waste Disposal	Recycle to process, if possible. Comply with all local, regional, and national laws pertaining to waste management. Use only recyclers, treatment, storage or disposal facilities. Dispose of in accordance with all applicable local and national regulations.
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14. Transport Information

Not classified as hazardous for transport.

15. Regulatory Information

U.S. Federal Regulations	US Inventory (TSCA): In compliance. This product is not regulated under Section 302 of SARA and 40 CFR Part 355. This product does not contain any hazardous ingredients at or above regulated thresholds.
State Regulations	No products were found. California Prop 65: No products were found.

16. Other Information

Label Requirements	This product has been evaluated and does not require any hazard warning on the label under established regulatory criteria.
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