
MATERIAL SAFETY DATA SHEET

Product: Trident Concrete Additive

Revision Date Jan 30, 2026

Acc to OSHA & ANSI


1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY:

Product Name:	Trident Concrete Additive, Trident-F01, F01
Synonyms:	Trident ; Trident Strengthening Additive ; Trident Concrete Additive
Manufacturer:	Pipedream Industries 1245 Rum Creek Parkway, Stockbridge Ga 30281
Telephone:	+1 (404)-996-9996
Email:	info@pipedreamindustries.com

2. COMPOSITION DATA ON COMPONENTS:

COMPONENT	%	OSHA/PEL
Carbon Nanotubes	1%-10%	CAS Number: 308068-56-6
Proprietary Plasticizer	5%-20%	
Proprietary Stabilizer	1%-5%	
Water	70%-95%	CAS Number: 7732-18-5

3. HAZARDS IDENTIFICATION

Precautionary Statements - Prevention:	Obtain special instructions before use
	Do not handle until all safety precautions have been read and understood
	Use personal protective equipment as required
	Wash face, hands and any exposed skin thoroughly after handling
	Avoid eye exposure
	Do Not Freeze
	Avoid Ingestion of any Kind
	Keep container tightly closed and away from UV light
Hazard Code	H302, H313, H316, H317, H320
	

4. FIRST AID MEASURES - General Advice:

If exposed or concerned, get medical advice/attention.

If Inhaled:	Remove victim to fresh air and keep at rest in a position comfortable for breathing.
In Case Of Skin Contact:	Rinse skin with water/shower until entire liquid solution system is washed away from skin. Use Soap and Water.
In Case Of Eye Contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention.
If Swallowed:	Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Contact Poison Control at 800-222-1222

5. FIRE-FIGHTING MEASURES:

Flash Point:	Not Applicable
Explosion Limits:	Not Applicable
Extinguisher Medium:	Water, Carbon Dioxide, Dry Chemical, or Foam
Special Procedures:	Not Applicable
Decomposition Products:	Carbon Dioxide, Water, Carbon Monoxide, Amorphous Carbons, Amorphous Silicas
Suitable extinguishing agents:	CO ₂ , extinguishing powder or water spray. Fight larger fires with water spray.

6. ACCIDENTAL RELEASE MEASURES:

Person-related safety precautions:	Wear protective equipment. Keep unprotected persons away. Always use gloves and goggles while handling
Additional information:	See Section 7 for information on safe handling See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

7. HANDLING & STORAGE:

Handling:	Handle with Care
Storage:	Keep in closed container for storage.
Information for Safe Handling:	Keep the container tightly sealed. Store in a cool, dry place in tightly closed containers. Store in dark location.
Information about protection against explosions and fires:	No Special Requirements.
Requirements to be	No Special Requirements.

met by storerooms and receptacles:	
Further information about storage conditions:	Keep the container tightly sealed. Store in cool, dry conditions in well sealed containers.

8. PHYSICAL & CHEMICAL PROPERTIES:

Form:	Liquid Suspension
Color:	Black Liquid
VOC	0 g/L
Ph	10-11
Odor:	Charcoal Like Odor
Melting Point/Melting Range:	Not Determined
Boiling Range:	Not Determined
Sublimation Temperature / Start:	Not Determined
Flash Point:	Not Determined
Ignition Temperature:	Not Determined
Decomposition Temperature:	Not Determined
Danger of Explosion:	Product does not present an explosion hazard.
Lower Explosion Limit:	Not Determined
Upper Explosion Limit:	Not Determined
Vapor Pressure:	Not Determined
Density at 20°C	~ 1.033 g/cm ³

Chloride Content (% per BS EN 480-10:2009)	0.001%
Solids Content %	28%


9. TOXICOLOGICAL INFORMATION:

On Skin:	Irritant to skin and mucous membranes. Wear Gloves and handle with care
On The Eye:	Irritating effect. Potential Blinding may occur. Prevent Eye contact, wear proper eye protective equipment
Sensitization:	No sensitizing effects known. Irritant to skin and eye.
Subacute To Chronic Toxicity:	NA

10. DISPOSAL CONSIDERATIONS:

Product:	Trident Concrete Additive
Recommendation:	Consult state, local or national regulations to ensure proper disposal. Specific care should be taken to ensure that no carbon nanotubes or carbon nanotube packaging is released into the environment.

11. REGULATIONS:

Product:	Trident Concrete Additive
Hazard Symbols:	

Safety Phrases:	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
National Regulations:	All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical Substance Inventory.
Information About Limitation Of Use:	For use only by technically qualified individuals.

12. Transportation:

Semi-Truck Trailer	Product can be shipped through conventional semi-truck trailers. No restrictions applied.
Air Transport	Product can be shipped through conventional air transport systems. No restrictions applied.
Train and Rail Car	Product can be shipped through conventional Rail. No restrictions applied.
Ship and Ports	Product can be shipped through conventional ports and shipping containers. No restrictions applied.

13. Prop 65 OEHHA Compliance:

This product contains Carbon Nanotubes. Carbon Nanotubes in an aerosolized form are known to the state of California to cause cancer.

The Carbon Nanotubes are embedded into a dispersion matrix preventing aerosolization. Do not use traditional aerosolization equipment. Doing so will release Carbon Nanotubes into the air.

14. OTHER INFORMATION:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees. This information is furnished without warranty, and any use of the product not in conformance with this Material Safety

Data Sheet, or in combination with any other product or process, is the responsibility of the user.

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