


### Section 1. Product and Company Identification

Product ID/Product Name	BoreShield
Recommended Use	Suspension Enhancer/Filtration Control
Supplier Information	ProAction Fluids 9706 St. Vincent Ave Shreveport, LA 71106
In case of emergency	(866)-290-5029

### Section 2. Hazards Identification

GHS Classification	
Health Hazards	Physical Hazards
Acute Toxicity	No phrases apply
Skin Corrosion/Irritation	No phrases apply
Skin Sensitizer	No phrases apply
Eye Damage/Eye Irritation	Category 2B
GHS Labels:	Signal Word:
	<b>WARNING</b>
Hazard Statements	Precautionary Statements
Precaution needed	Keep away from heat/sparks/open flames/hot surfaces. No smoking. Wear PPE. In case of fire, use dry sand, dry chemical or alcohol-resistant foam

### Section 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	EINECS #	Concentration %
Xanthan Gum	11138-66-2	-	20-40%
Proprietary Polysaccharide	-	-	20-40%
Oil Blend	CAS #: 8042-47-5, 64742-46-7, 64742-53-6		

Comments: \*Patent Pending

### Section 4. First Aid Measures

Eye Contact	Flush eyes with water as a precaution. Get medical attention if irritation develops
Skin Contact	Wash off with soap and plenty of water
Inhalation	Move to fresh air. Get medical attention for any breathing difficulty.
Ingestion	Rinse mouth with water. Seek medical attention

### Section 5. Firefighting Measures

Suitable Extinguishing Media	Dry sand, dry chemical, or alcohol-resistant foam
Unsuitable Extinguishing Media	Not Determined
Hazards Arising From The Chemical	Flammable liquid
Protective Actions For Fire-Fighters	Appropriate PPE, as well as self-contained breathing apparatus

### Section 6. Accidental Release Measures

Personal Precautions And Protective Equipment	Isolate area. Keep unnecessary and unprotected personnel from entering area. Wear appropriate protective equipment
Environmental Precautions	Prevent entry into sewers or streams, dike if necessary. Consult local authorities
Methods And Materials for Containment and Clean Up	Absorb spill with inert material, then place in a chemical waste container

### Section 7. Handling and Storage

Handling Precautions	Handle and open containers with care. Avoid contact with eyes, skin and clothing
Storage Conditions	Store in a cool, dry, well ventilated place away from incompatible material

### Section 8. Exposure Controls / Personal Protection

Occupational Exposure Limit(s)	Ingredient	Exposure Limit
	For Oil Mist, Mineral	ACGIH TLV-TWA: 5mg/m <sup>3</sup> : TLV-C 10mg/m <sup>3</sup> (ceiling); OSHA PEL-TWA: 5mg/m <sup>3</sup> ; NIOSH REL-TWA: 5mg/m <sup>3</sup> : REL-ST: 10mg/m <sup>3</sup>
Engineering Controls	General ventilation is recommended	
Personal Protection Measures	Safety glasses should be worn. No skin protection is normally required, yet recommended. In the case of vapor formation, use a respirator with an approved filter	

Section 9. Physical and Chemical Properties			
Physical State	Liquid	Flammability	N/D
Colour	Brown	Flammability LEL/UEL	N/D
Odour	Hydrocarbon	Viscosity (cSt)	N/D
Odour Threshold	N/D	Vapour Pressure (@ 25°C)	N/D
pH	N/A	Vapour Density [Air = 1]	N/D
Melting Point (°C/°F)	N/D	Density (lbs/gal)	8.10 - 10.02
Freezing Point (°C/°F)	N/D	Solubility	Limited by viscosity
Boiling Point	424 - 460 F	Auto-Ignition Temperature	> 270 C
Flash Point	>270 F	Decomposition Temperature	N/D
Specific Gravity	0.97 - 1.2	(Other)	

Section 10. Stability and Reactivity	
Chemical Reactivity/Stability	May react with strong oxidizing agents. Stable under normal conditions
Conditions to Avoid	Heat, Flame, Sparks
Incompatible Materials	Strong oxidizing agents
Hazardous Decomposition Products	None

Section 11. Toxicological Information		
Likely Routes of Exposure	Eye contact, Dermal, Oral	
	Acute Symptoms / Effects	Numerical Measurements
Eye Contact	Moderately irritating	N/D
Skin Contact	Moderately irritating	LD50 : >2,000 mg/kg Rabbit
Inhalation	Not a primary route of entry	LC50 : >5.3 mg/L 4-hr Rat
Ingestion	Moderately irritating	LD50 : >3,900 mg/kg Rat
Germ Cell Mutagenicity/Carcinogenicity/Reproductive Toxicity/STOT	None	

Section 12. Ecological Information	
Eco-Toxicological Information	C12-C14 Isoalkanes: LL50: >1000 mg/L 96h (Rainbow trout); EL50: >1000 mg/L 48h (Water flea); EL50: >1000 mg/L 72h (Green algae)
Persistence/Degradability	Inherently Biodegradable
Mobility in Soil	No data available
Bioaccumulative Potential	No data available


Section 13. Waste Disposal Considerations
Follow all local and national waste management regulations. Consult your local waste authorities for information.

Section 14. Transport Information			
U.S. D.O.T. (Non-Bulk Transport)		U.S. D.O.T. (Bulk Transport)	
UN Number	Not Regulated	UN Number	Not Regulated
UN Proper Shipping Name	Not Regulated	UN Proper Shipping Name	Not Regulated
Hazard Class/Packing Group	Not Regulated	Hazard Class/Packing Group	Not Regulated
E.R.G. Number	Not Regulated	E.R.G. Number	Not Regulated
Special Precautions	None		

Section 15. Regulatory Information			
Precautionary Label Information			
	HMIS	NFPA	Do not ingest. Do not get in eyes. If on skin, wash with water. Wear appropriate PPE.
Health	1	1	
Flammability	1	1	
Reactivity	0	0	
Protection	B	B	
Hazard Symbol(s)			

Section 16. Other Information	
Specification Information	
Department/Person Responsible for Content	ProAction Fluids HDD Department
Email Address	<a href="mailto:info@proactionfluids.com">info@proactionfluids.com</a>
Training Required for Use of Product	None
Intended Use of Product	HDD Market
Reason for last reissue of SDS	New product

*This product is intended of use by skilled individuals familiar with the intended use and application of the product. Product users do so at their own risk. The information contained herein is based on data considered to be accurate based on the current state of available knowledge. No warranty is expressed or implied regarding the accuracy of the data herein or the results to be obtained by the use thereof.*

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