Safety Data Sheet

ClayLock

Last Revised July '16

Supercedes Version

Section 1. Product and Company Identification

Product ID/Product Name	**ClayLock**
Recommended Use	**Clay Swelling Additive**
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	
Acute Toxicity	None
Skin Corrosion/Irritation	None
Carcinogenicity	None
Eye Damage/Eye Irritation	None

Physical Hazards	
Flammable Liquid	None

GHS Labels:

Signal Word:

Warning

WHMIS Classification:

Hazard Statements	
H315	May cause skin irritation
H319	May cause eye irritation

Precautionary Statements	
P201	Obtain special instructions before use
P234	Keep only in original container
P264	Wash skin thoroughly after handling
P280	Wear protective gloves/eye protection
P281	Use personal protective equiptment as required

Section 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	EINECS #	Concentration (%)
Proprietary Non-hazardous	-	-	-

Section 4. First Aid Measures

Eye Contact	To prevent mechanical irritation, flush with clean, low-pressure water
Skin Contact	None required. As a precaution, wash with soap and water
Inhalation	Breathing dust from any source may cause respiratory irritation
Ingestion	None required

Section 5. Firefighting Measures

Suitable Extinguishing Media	Water, Foam, CO2, Dry chemical
Unsuitable Extinguishing Media	None known
Hazards Arising From The Chemical	None known
Protective Actions For Fire-Fighters	None known

Section 6. Accidental Release Measures

Personal Precautions And Protective Equipment	Avoid contact with skin and eyes. Use self-contained breathing apparatus and chemically protective clothing. Wear suitable gloves and eye/face protection
Environmental Precautions	None
Methods And Materials for Containment and Clean Up	Absorb spill with inert material, then place in a chemical waste container for disposal

Section 7. Handling and Storage

Handling Precautions	Avoid contact with eyes. Use PPE. When using, do not eat, drink, or smoke
Storage Conditions	Keep containers tightly closed in a dry, cool, and well-ventilated area

Section 8. Exposure Controls / Personal Protection

	Ingredient	CAS #	Exposure Limit
Occupational Exposure Limit(s)	-	-	-
	-	-	-

Engineering Controls	Provide adequate ventilation. Provide readily accessible eye wash stations and safety showers
Personal Protection Measures	Wear appropriate respirator, if necessary. Impervious rubber gloves. Safety goggles and face shield.

Section 9. Physical and Chemical Properties

Physical State	Liquid	**Flammability**	N/A
Colour	Clear to pale yellow	**Flammability LEL/UEL**	N/A
Odour	Faint amine odor	**Viscosity @ 25°C (cSt)**	N/A
Odour Threshold	N/A	**Vapour Pressure (@ 20°C)**	Only water vapor is present
pH	5-8 at 10 g/L	**Vapour Density [Air = 1]**	N/A
Melting Point (°C/°F)	N/A	**Density (g/cm3)**	0.95
Freezing Point (°C/°F)	N/A	**Solubility**	Water soluble
Boiling Point (°C)	>125C (>257F)	**Auto-Ignition Temperature**	N/A
Flash Point (°C/°F)	Not flammable	**Decomposition Temperature**	N/A
Specific Gravity @ 25°C	-	**% Volatile by Volume**	N/A

Section 10. Stability and Reactivity

Chemical Reactivity/Stability	Stable under normal conditions
Conditions to Avoid	Do not heat to boiling or decomposition in sealed container
Incompatible Materials	Strong acids and bases, as well as iron, mild and galvanized steel
Hazardous Decomposition Products	Compounds of carbon, hydrogen, nitrogen, chlorine and oxygen

Section 11. Toxicological Information

Likely Routes of Exposure	-

	Acute Symptoms / Effects	Chronic Symptoms / Effects
Eye Contact	N/D	N/D
Skin Contact	N/D	N/D
Inhalation	N/D	N/D
Ingestion	N/D	N/D

Germ Cell Mutagenicity/Carcinogenicity/Reproductive Toxicity/STOT	None

Ingredient	Numerical Measures of Toxicity

Section 12. Ecological Information

Toxicity	N/D
Persistence/Degradability	Not Determined
Mobility in Soil	N/D
Bioaccumulative Potential	Does not bioaccumulate

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	N/A		

Section 15. Regulatory Information

Precautionary Label Information

	HMIS	**NFPA**
Health	0	0
Flammability	1	1
Reactivity	0	0
Protection	B	B
Hazard Symbol(s)		

Section 16. Other Information

Specification Information

Department/Person Responsible for Content	Nathan R. Hutchings, Ph.D.
Email Address	info@proactionfluids.com
Training Required for Use of Product	None
Intended Use of Product	Oilfield Completion Fluid
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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