

## MATERIAL SAFETY DATA SHEET – NEUTRA FLOC

Manufactured by: Akklean Industries, Inc.  
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### SECTION I – PRODUCT IDENTIFICATION

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Product Name: NEUTRA FLOC  
Synonyms:  
Chemical Description: Anionic Polyacrylamide in water in oil emulsion  
Intended Use: Polymer

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### SECTION II – HAZARDOUS INGREDIENTS

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Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Petroleum Distillate				
Anionic Polyacrylamide				

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### SECTION III – PHYSICAL & CHEMICAL PROPERTIES

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Appearance and Odor: milky white liquid with slight hydrocarbon odor      pH:  
Boiling Point °F/C: 212–370F      Specific Gravity (Water=1): .98–  
1.12  
Vapor Pressure (mm Hg): <10 @ 77°F      Melting Point (°F/C):  
Vapor Density (Air=1):      Evaporation Rate (Butyl Acetate=1): <1  
Solubility in Water: 100%

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### SECTION IV – FIRE AND EXPLOSION HAZARD

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Flash Point (Method): 154°F; TCC method      Flammable Limits (LFL/UFL): 0.6/5.0  
Extinguishing Media: Foam, dry chemical, or water spray  
Special Fire Fighting Procedures: Use water to cool fire-exposed surfaces and to protect personnel.  
Isolate "fuel" supply from fire. Respiratory and eye protection  
required for fire fighting personnel.  
Fire and Explosion Hazards: Combustible liquid can form combustible mixtures at temperatures at or  
above the flashpoint. Empty containers retain product residue (liquid  
and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld,  
braze, solder, drill, grind, or expose such containers to heat, flame,  
sparks, static electricity, or other sources of ignition: they may EXPLODE  
and cause injury or death. Empty drums should be completely drained,  
properly bunged, and promptly returned to a drum reconditioner, or  
properly disposed of.

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**SECTION V – HEALTH HAZARD AND FIRST AID**

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Routes of Entry (Inhale, Ingest, Skin, Eye): All

Health Hazard (Acute and Chronic): Inhalation - Irritation in high concentrations  
Ingestion - Small amounts of the liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchiopneumonia or pulmonary edema.  
Skin - Irritation; low order of toxicity.  
Eyes - Irritating and will injure tissue if not removed promptly.

Carcinogen/Details:

OSHA Regulated?

**Signs and Symptoms of Exposure:** See "Health Hazard" above

Medical Conditions Generally Aggravated by Exposure:

**Emergency and First Aid Procedures:** Inhalation - Move individual to fresh air. Administer artificial respiration if breathing stops. Keep at rest. Seek prompt medical attention.  
Ingestion - DO NOT induce vomiting. Keep at rest. Seek prompt medical attention.  
Skin - Flush with large amounts of water; use soap if available. Remove contaminated clothing, including shoes. If irritation persists, seek medical attention.  
Eyes - Immediately flush eyes with large amounts of water for at least 15 minutes. Get prompt medical attention.

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**SECTION VI – STABILITY AND REACTIVITY**

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Stability: Stable Conditions to Avoid: Temperatures above 200 °F and below 32 °F

Incompatibles: Contact with water forms a gel at product solid content greater than 10%

Hazardous Decomposition: N/A

Hazardous Polymerization: Will Not Occur Conditions to Avoid:

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**SECTION VII – HANDLING AND STORAGE**

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Handling:

Respiratory Protection: None, unless concentrations in air may exceed 200ppm (total hydrocarbon based on composition). In this event, NIOSH approved respirator may be necessary to prevent overexposure.

Ventilation: Mechanical dilution recommended in a confined space, if heated above ambient temperature, or if agitated.

Hand Protection: Rubber gloves Eye Protection: Safety glasses or goggles

Other Protective Clothing/Equipment: Long sleeves and rubber apron when handling full strength.

Work/Hygienic Practices: Wash contaminated clothing before re-use.

Storage: Store in well-ventilated area.

Other Precautions: Protect from freezing or excessive heat. Keep away from children and untrained personnel.

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**SECTION VIII – SPILL AND DISPOSAL**

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Containment: Land Spill: Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. Prevent liquid from entering sewers, watercourses, or low areas. Contain with sand or earth; do not use combustible materials such as sawdust. If in a public area, keep public away and advise authorities.

Clean-Up: Land Spill: Use a suitable absorbent or pump (explosion proof or hand pump). If liquid is too viscous for pumping, scrape up.  
Water Spill: Remove from surface by skimming or with suitable absorbents. Do not use dispersants.

Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.

Other Emergency Advice:

Neutra Flocc

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**SECTION IX – TRANSPORTING**

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DOT hazard class: Combustible  
Keep from freezing.

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**SECTION X – REGULATORY INFORMATION**

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SARA Title III: This product does not contain reportable ingredients.

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**SECTION XI – NFPA HAZARD RATINGS**

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Health  
Flammability  
Reactivity

0 = Minimal	1 = Slight	2 = Moderate	3 = Serious	4 = Severe
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**SECTION XII – OTHER INFORMATION**

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*This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.*

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**SECTION XIII – REFERENCES**

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END

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