

**MATERIAL SAFETY DATA SHEET – LONESTAR 400**

Manufactured by: Aklean Industries, Inc.  
2111 Catalina  
Pasadena, TX 77503

FOR EMERGENCY CALL INFOTRAC  
Telephone #: 1-800-535-5053  
Outside US: 001-352-323-3500  
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**SECTION I – PRODUCT IDENTIFICATION**

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Product Name: Lonestar 400  
Synonyms:  
Chemical Description:  
Intended Use: Vehicle and General Purpose Industrial Cleaner

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**SECTION II – HAZARDOUS INGREDIENTS**

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Chemical ID	CAS Number	% Weight	OSHA PEL	ACGIH TLV
Sodium Hydroxide	1310-73-2	1%		

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**SECTION III – PHYSICAL & CHEMICAL PROPERTIES**

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Appearance and Odor: blue liquid with aromatic odor pH: 12.5  
Boiling Point °F/C: 220F Specific Gravity (Water=1): 1.12  
Vapor Pressure (mm Hg): 23.76 @ 25°C Melting Point (°F/C): Undet.  
Vapor Density (Air=1): Evaporation Rate (Butyl Acetate=1):  
Solubility in Water: 100%

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**SECTION IV – FIRE AND EXPLOSION HAZARD**

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Flash Point (Method): >220°F Flammable Limits (LFL/UFL):  
Extinguishing Media: Water, Carbon Dioxide, Foam  
Special Fire Fighting Procedures: None  
Fire and Explosion Hazards: Non-Flammable

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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): Eye and skin irritation  
Carcinogen/Details: No  
OSHA Regulated?  
**Signs and Symptoms of Exposure:** See "Health Hazard" above  
Medical Conditions Generally Aggravated by Exposure:  
**Emergency and First Aid Procedures:** Inhalation - Move to fresh air.  
Ingestion - Drink milk or water in large amounts and get medical attention.  
Skin - Wash with soap and water.  
Eyes - Flush with water for 15 minutes and seek medical attention.

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**SECTION VI – STABILITY AND REACTIVITY**

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Stability: Stable                      Conditions to Avoid: None known  
Incompatibles: None known  
Hazardous Decomposition:  
Hazardous Polymerization: Will Not Occur                      Conditions to Avoid:

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**SECTION VII – HANDLING AND STORAGE**

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Handling: Normal handling of liquids  
Respiratory Protection:  
Ventilation: Adequate ventilation  
Hand Protection: Rubber gloves                      Eye Protection: Safety glasses or goggles  
Other Protective Clothing/Equipment: Rubber apron when handling full strength.  
Work/Hygienic Practices:  
Storage:  
Other Precautions: Keep away from children and untrained personnel.

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**SECTION VIII – SPILL AND DISPOSAL**

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Containment:  
Clean-Up: Dilute with water and clean up  
Disposal: Disposal of waste may be subject to federal, state, and local regulations. Users should review their regulations.  
Other Emergency Advice:

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**SECTION IX – TRANSPORTING**

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**SECTION X – REGULATORY INFORMATION**

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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