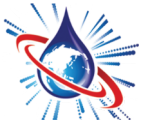




# LUMINATE

Acid Aluminum Cleaner and Restorer

## Product Description



**LUMINATE** is a concentrated, heavy duty, fast acting liquid aluminum trailer cleaner and brightener. Contains a potent blend of strong mineral acids, wetting agents, emulsifiers, and water soluble solvent for extra grease cutting action.

Cleans road film deposits and diesel smoke residues without brushing. Works in seconds, and will not streak when used as directed. Removes dulling oxide films, leaving the aluminum surface with a soft "satin" finish. Luminat is designed for cleaning over the road and unpainted trailers fabricated with unpainted aluminum.

## Uses & Directions



May also be used as a stainless steel trailer brightener before an alkaline wash is performed, thus simulating a **Two-Step Wash**. May also be used as a "spot pickler" in tank wagons containing stains that are too hard to remove conventionally.

Luminat may be diluted with up to 50 parts water and perform beautifully in continual wash applications. For light road film removal, dilute with 10 parts water. For heavy or smoke soil removal, dilute with 3 parts water. Always apply Luminat from the bottom to the top of whatever surface is being cleaned so as to eliminate streaking. Also execute the first rinse from bottom to top, and after that, as desired.

## Health Hazard Summary



Contains HYDROFLUORIC ACID. Toxic by inhalation, skin contact, and if swallowed. Causes severe burns and permanent injury to eyes. Causes burns to skin. Burns may be delayed and exposure may cause damage to tissue and bone in the contact area. Inhalation of vapors is irritating to the respiratory system and can cause pulmonary edema and pneumonitis.

## Specifications



Appearance ..... Clear, Colorless liquid  
 pH ..... < 2  
 Specific Gravity ..... 1.02  
 Percent Active ..... 30-40%  
 Flash Point ..... None  
 Dilution ..... Up to 50 to 1 with water  
 Foam ..... Moderate  
 Hardwater Tolerance ..... Excellent  
 Biodegradable Surfactant? ..... Yes  
 Butyl Cellosolve? ..... Yes  
 Storage Stability ..... Very Good, > 1 Year  
 USDA Registered? ..... Yes

## Package & Handling



55 ga drum     JBC5062  
 6 ga pail        JBC4128

# SDS



HMIS	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X