

The Butler Corporation

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HAZARD RATING HMIS

Health = 1-2, Flammability = 0, Reactivity = 0
 (Index: 4 = very high, 3 = high, 2 = moderate
 1 = slight, 0 = insignificant)

Material Safety Data Sheet**I. General Information**

Trade Name & Synonym Truckmount Detergent	Chemical Family Surfactant/detergent	
Chemical Name & Synonym Mixture	Date prepared Oct. 1994	Prepared by Aziz Ullah Ph.D.

II. Ingredients

Water, Sodium Silicate, Biodegradable anionic and non-ionic surfactants citrus oils, EDTA or Sodium Citrate

III. Physical Properties

Boiling Point Approx 212 °F	Specific Gravity(Water = 1) 1.1
Vapor Pressure(mm Hg.) ND	Melting Point Below 32 °F
Vapor Density(AIR = 1) >1	Evaporation Rate (Butyl Acetate = 1) >1
Solubility in Water Soluble	Appearance and odor Light yellow liquid with Citrus odor
pH (Liquid as is) 11.2-11.8	

IV. Fire and Explosion Hazard Data

Flash Point (TOC) Over 200 °F	Flammable Limits NA	LEL	UEL NA
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Extinguishing Media

Foam, CO₂, Dry Chemical, Water Fog

Special Fire Fighting Procedures

Usual Fire fighting procedures can be used

Unusual Fire and Explosion Hazards

None Known

V. Reactivity Data

Stability	Unstable	Conditions to avoid
	Stable	
	X	
Incompatibility (Materials to avoid)		
Acids, Strong oxidizing agents		
Hazard Decomposition or Byproducts		
When Exposed to fire emits normal products of combustion		
Hazardous	May occur	Conditions to avoid
Polymerization	Will not occur	
	X	

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VI. Health Hazard Data

Routes of Entry	Inhalation	Skin	Ingestion	Eyes
	No	No	YES	Yes

Health Hazards

Direct contact of product with eyes can cause severe irritation, product can cause discomfort if taken internally

Signs and Symptoms of Exposure

Irritation discomfort

Medical Conditions Aggravated by Exposure

None known

Emergency and First Aid Procedures

Flush Thoroughly with water If irritation persists see physician if ingested drink milk or water see physician

VII. Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Flush with water, (Non-Hazardous waste)

Waste Disposal Method

Check with federal state or local regulations, waste may be discharged into sanitary sewer as non -hazardous waste if regulations permit

Precautions to be taken in Handling and Storing

Keep away from heat, keep away from eyes and repeated or prolonged contact with skin

Other Precautions

NA

VIII. Control Measures

Respiratory Protection

General room ventilation is adequate

Ventilation	Local Exhaust	Special
<u>Not normally required</u>		

Mechanical	Other

Protective Gloves

For repeated contact impermeable gloves suggested

Eye Protection

Monogoggles suggested

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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