

HAZARD RATING HMIS
 Health=1, 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 Carpet Detergent	Chemical Family Surfactant/detergent	
Chemical Name & Synonym Mixture	Date prepared July 30, 2001	Prepared by Aziz Ullah Ph.D.

II. Ingredients, Sodium Tripolyphosphate, CAS 13573-18-7, C12-C16 synthetic alcohols and 9 moles of ethylene oxide CAS Number 68551-12-2

III. Physical Properties

Boiling Point NA	Specific Gravity(Water=1) Approx. 0.60
Vapor Pressure (mm Hg.) NA	Melting Point ND
Vapor Density (AIR=1) NA	Evaporation Rate (Butyl Acetate=1) NA
Solubility in Water Soluble	Appearance and odor White free flowing powder insignificant odor
pH (Powder 1% solution,) 9.5-9.7	

IV. Fire and Explosion Hazard Data

Flash Point (TOC) NA	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 Polymerization	May occur	Conditions to avoid
	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 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, or sweep up and containerize (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
Not normally required		

Mechanical

Other

Protective Gloves

For repeated contact impermeable gloves suggested

Eye Protection

Glasses suggested

Other Protective Clothing or Equipment

NA

Work/Hygienic Practices

Wash after handling Keep out of reach of children

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