



# TULSTAR PRODUCTS, INC.

5510 SOUTH LEWIS AVENUE • TULSA, OK 74105 • (918) 749-9060 • FAX (918) 747-1444  
TULSTAR@TULSTAR.COM • WWW.TULSTAR.COM

## **MATERIAL SAFETY DATA SHEET**

### **COMPANY INFORMATION**

Company Name: **TULSTAR PRODUCTS, INC.**  
5510 S. Lewis Ave.  
Tulsa, OK 74105  
Phone Number: (918) 749-9060  
Fax Number: (918) 747-1444  
Email Address: [tulstar@tulstar.com](mailto:tulstar@tulstar.com)  
Emergency Number: CHEMTREC 800-424-9300 (24 hours)

### **IDENTIFICATION**

Product Name: Sodium Hexametaphosphate, Food Grade  
Trade Name: Tulstar SHMP/ FCC-IV/ Kosher  
CAS Number: 68915-31-1  
NIOSH Number: TR4950250

### **PHYSICAL/ CHEMICAL CHARACTERISTICS**

Appearance & Odor: White powder, granules, or glass plates & odorless.  
Melting Point: 1162F, 628C  
Specific Gravity: 81 LBS/FT3 PWD  
Decomposition Temperature: Unknown  
Evaporation Rate & Ref.: NA  
Solubility In Water: Infinite  
PH: 7.0  
Corrosion Rate (IPY): Unknown

### **FIRE AND EXPLOSION HAZARD DATA**

Flash Point: NA  
Extinguishing Media: Material is not combustible.  
Special Fire Fighting Proc.: Material is nit combustible.  
Unusual Fire & Explosive Hazards: Material is not combustible.

### **REACTIVITY DATA**

Conditions to Avoid (Stability): None specified by manufacturer.  
Materials to Avoid: None  
Hazardous Decomposition Products: None  
Hazardous Poly Occur: No  
Conditions to Avoid (Poly): Does not occur

### **HEALTH HAZARD DATA**

LD50-LC50 Mixture: LD50 RAT ORAL 6600 MG/KG.  
Route of Entry-  
Inhalation: Yes

Skin:	Yes	
Ingestion:	No	
Health Haz. Acute & Chronic:	Product reported not to cause significant-	
Eyes:	Slightly irritated	
Skin:	Non-irritating	
Ingestion:	Practically non-toxic	
Chronic:	None specific	
Carcinogenicity- NTP:	No	
Carcinogenicity- IARC:	No	
Carcinogenicity- OSHA:	No	
Explanation Carcinogenicity:	None	
Signs/Symptoms of Overexposure-	Eyes:	Slight irritation
	Skin:	Non-irritation
	Ingestion:	Non-toxic
Med Cond. Aggravated by Exposure:	None specified by manufacturer	
Emergency/ First Aid Procedures-	Inhalation:	Of dust, remove to fresh air.
	Eye Contact:	Flush with water for 15 minutes. If redness or irritation persist, contact a doctor.
	Skin:	Wash with soap and water.
	Ingestion:	Consult a doctor.

### **PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps if Matl Released/Spilled:	Sweep up and place bulk material in container. Flush small spills to sewer with plenty of water. Flush spill area with water.
Neutralizing Agent:	None specified by manufacturer.
Waste Disposable Method:	Dispose of waste in a landfill in accordance with local, state and federal regulations.
Precautions-Handling/Storing:	Product is very hygroscopic and should be stored in a dry area in poly or vapor barrier bags to prevent moisture pick up and caking.
Other Precautions:	Handle in accordance with good industrial hygiene and safety practices, including avoiding unnecessary exposure and removal of material from eyes, skin, and clothing. Avoid eye contact. Minimize skin contamination. Avoid breathing dust.

### **CONTROL MEASURES**

Respiratory Protection:	Use NIOSH approved equipment when airborne.
Ventilation:	Provide ventilation to minimize exposure. Use local exhaust at sources of air contamination.
Protective Gloves:	None Normally required.
Eye Protection:	None normally required.
Other Protective Equipment:	None specified by manufacturer.
Work Hygienic Practices:	Wash after handling and before eating, drinking, or smoking. Launder contaminated clothing before reuse.

### **TRANSPORTATION DATA**

Trans Data Review Date:	96242
DOT PSN Code:	ZZZ
DOT Proper Shipping Name:	Not regulated by this mode of transportation.
IMO PSN Code:	ZZZ
IMO Proper Shipping Name:	Not regulated by this mode of transportation.
IATA PSN Code:	ZZZ
IATA Proper Shipping Name:	Not regulated by this mode of transportation.
AFI PSN Code:	ZZZ
AFI Prop. Shipping Name:	Not regulated by this mode of transportation.

## **LABEL DATA**

Label Required: Yes  
Common Name: Sodium Hexametaphosphate  
Chronic Hazard: No  
Signal Word: N/A  
Acute Health Hazard-Slight: X  
Contact Hazard-Slight: X  
Fire Hazard-None: X  
Reactivity Hazard-None: X  
Special Hazard Precautions: Product reported not to cause significant~  
Eyes: Slightly irritating  
Skin: Non-irritating  
Ingestion: Practically non-toxic.

CHRONIC: None specified. Product is very hygroscopic and should be stored in a dry area in poly or vapor barrier bags to prevent moisture pick up and caking.

## **FIRST AID**

Inhalation: Of dust, remove to fresh air  
Eye Contact: Flush with water for 15 minutes. If redness or irritation persist contact a doctor.  
Skin: Wash with soap and water.  
Ingestion: Consult a doctor.  
Protect Eye: Yes  
Protect Skin: Yes  
Label Name: TULSTAR SHMP