

SIGMA CHEMICAL COMPANY -- T6664,TRIS BUFFERED SALINE,PH 8.0,TRU-MEASURE CHEMICAL --  
6550-01-461-9032

===== Product Identification =====

Product ID:T6664,TRIS BUFFERED SALINE,PH 8.0,TRU-MEASURE CHEMICAL

MSDS Date:11/01/1998

FSC:6550

NIIN:01-461-9032

Status Code:A

MSDS Number: CKLSN

=== Responsible Party ===

Company Name:SIGMA CHEMICAL COMPANY

Box:14508

City:SAINT LOUIS

State:MO

ZIP:63178

Country:US

Info Phone Num:314-771-5765

Emergency Phone Num:314-771-5765

CAGE:TO609

=== Contractor Identification ===

Company Name:SIGMA CHEMICAL COMPANY

Box:14508

City:SAINT LOUIS

State:MO

ZIP:63178

Country:US

Phone:1-800-325-3010

CAGE:TO609

===== Composition/Information on Ingredients =====

Ingred Name:NO INGREDIENTS LISTED

===== Hazards Identification =====

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY

Routes of Entry: Inhalation:YES Ski

n:YES Ingestion:YES

Health Hazards Acute and Chronic:ACUTE: MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY

Effects of Overexposure:MAY BE HARMFUL BY INHALATION, INGESTION OR SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT

Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY

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===== First Aid Measures =====

First Aid:EYE: IMMEDIATELY FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINS. SKIN: IMMEDIATELY WASH WITH SOAP & COPIOUS AMOUNTS OF WATER. INHALED: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SWALLOWED: WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.

CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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===== Accidental Release Measures =====

Spill Release Procedures:WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY

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===== Handling and Storage =====

Handling and Storage Precautions:CHEMICALS SAFETY GOGGLES. COMPATIBLE CHEMICAL-RESISTANT GLOVES. NIOSH/MSHA-APPROVED RESPIRATOR. SAFETY SHOWER AND EYE B

ATH. MECHANICAL EXHAUST REQUIRED.

Other Precautions:NO DATA PROVIDED BY RESPONSIBLE PARTY

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR.

Ventilation:MECHANICAL EXHAUST REQUIRED.

Protective Gloves:COMPATIBLE CHEMICAL-RESISTANT GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:SAFETY SHOWER, EYE BATH.

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY

Supplemental Safety and Health

NO

DATA PROVIDED BY RESPONSIBLE PARTY

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===== Physical/Chemical Properties =====

HCC:N1

Appearance and Odor:SOLID

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

BASES, OXIDIZING AGENTS.

Stability Condition to Avoid:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Products:THERMAL DECOMPOSITION MAY PRODUCE  
CARBON MONOXIDE, CARBON DIOXIDE, AND NITROGEN OXIDES.

Conditions to Avoid Polymeriza  
tion:WILL NOT OCCUR.

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===== Toxicological Information =====

Toxicological Information:MAY BE HARMFUL BY INHALATION, INGESTION OR  
SKIN ABSORPTION. CAUSES EYE AND SKIN IRRITATION. MATERIAL IS  
IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

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===== Ecological Information =====

Ecological:DATA NOT YET AVAILABLE.

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===== Disposal Considerations =====

Waste Disposal Methods:THE MATERIAL

SHOULD BE IGNITED IN THE PRESENCE  
OF SODIUM CARBONATE & SLAKED LIME (CALCIUM HYDROXIDE). THE  
SUBSTANCE SHOULD BE MIXED WITH VERMICULITE & THEN WITH THE DRY  
CAUSTICS, WRAPPED IN PAPER & BURNED IN A CHEMICAL INCINERATOR  
EQUIPPED WITH AN AFTERBURNER & SCRUBBER. OBSERVE ALL FEDERAL,  
STATE, & LOCAL ENVIRONMENTAL REGULATIONS

===== MSDS Transport Information =====

Transport Information:NO DATA PROVIDED BY RESPONSIBLE PARTY

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY  
Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY  
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY

===== Other Information =====

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