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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

===== 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.

===== 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.

===== 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

===== 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

===== 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

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

HCC:N1
Appearance and Odor:SOLID

===== 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.

===== 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.

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

Ecological:DATA NOT YET AVAILABLE.

===== 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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