Product ID:TRICHLOROACETIC ACID SOLUTION 0.38N MSDS Date:07/10/1990

FSC:6550

NIIN:01-208-2381
MSDS Number: BJZLN
=== Responsible Party ===

Company Name: SIGMA CHEMICAL CO

Box:14508 City:ST. LOUIS State:MO ZIP:63178

Info Phone Num:800-325-8070

Emergency Phone Num:314-771-5765

CAGE:21076

=== Contractor Identification ===

Company Name: SIGMA CHEMICAL COMPANY

Address:3050 SPRUCE ST

Box:14508 City:ST LOUIS State:MO ZIP:63178 Country:US

Phone:314-771-5765

CAGE:21076

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

Ingred Name:TRICHLOROACETIC ACID

CAS:76-03-9

RTECS #:AJ7875000

Other REC Limits: NONE SPECIFIED

**OSHA PEL:1 PPM** 

ACGIH TLV:1 PPM; 9192

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 400 MG/KG

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outes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:MATERIAL IS A CORROSIVE ACID SOLUTION AND WILL CAUSE IRRITATION AND BURNS TO EYES, SKIN, RESPIRATORY TRACT AND GASTROINTESTINAL TRACT. INGESTION WILL RESULT IN BURNS TO THE MOUTH, THROAT, AND GASTROIN TESTINAL TRACT. CHRONIC: PROLONGED EXPOSURE MAY LEAD TO DELAYED EFFECTS INCLUDING SCARRING AND INFECTION OF LIVER/KIDNEY

Explanation of C

arcinogenicity: NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:EYE AND SKIN BURNS DEVELOP IMMEDIATELY.
INGESTION MAY CAUSE ABDOMINAL PAIN, NAUSEA, VOMITING, HEMORRAGING,
AND PERFORATION OF ORGANS. MATERIAL IS EXTREMELY DESTRUCTIVE TO THE
MUCOUS MEMBRANES, EYES, S KIN, AND UPPER RESPIRATORY TRACT.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FR OM EXPOSURE.

First Aid:EYE: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHI NG IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF VICTIM IS NOT BREATHING. INGESTION: GIVE VICTIM LARGE AMOUNTS OF WATER TO DILUTE MATERIAL. GET MEDICAL ATTENTION.

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

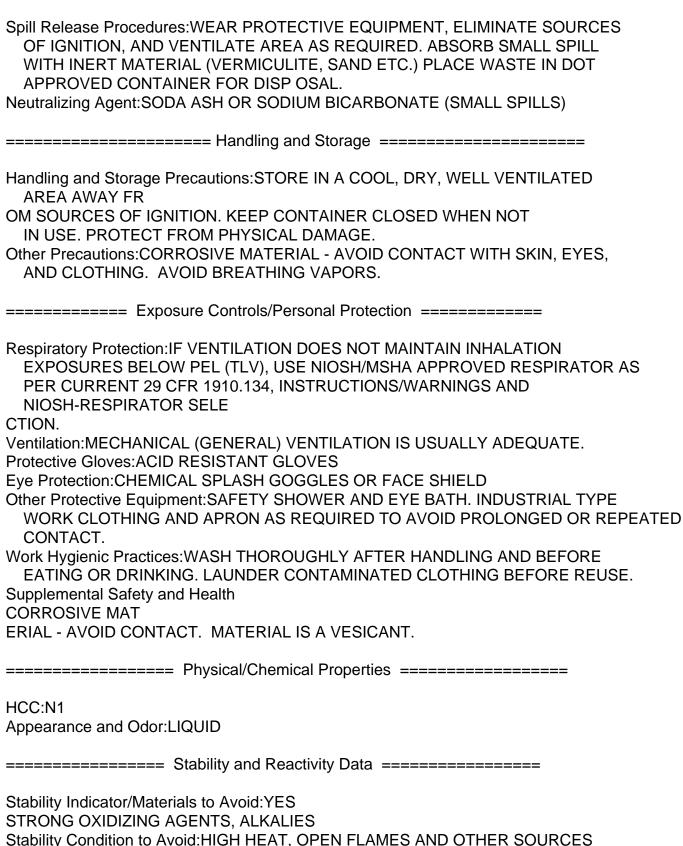
Extinguishing Media: USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL AS APPROPRIATE FOR SURROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

====== Accidental Rele

ase Measures	



Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, HYDROGEN CHLORIDE GAS

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Disposal Considerations =========

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. DILUTED AND NEUTRALIZED MATERIAL CAN PROBABLY BE FLUSHED TO WASTE WATER TREATMENT VIA A SEWER.

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