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**FISHER SCIENTIFIC CO CHEMICAL MFG DIV**

**TARTARIC ACID**

**SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

MSDS Name: TARTARIC ACID

Manufacturer Name: FISHER SCIENTIFIC CO CHEMICAL MFG DIV

Address:

1 REAGENT LN  
 City: FAIR LAWN  
 State: NJ  
 Zip: 07410-2802  
 Country: US

Business Phone: 201-796-7100/800-766-7000 X3725

For information in North America, call: 201-796-7100/800-766-7000 X3725

Health Phone: 201-796-7100/800-766-7000 X3725

Manufacturer MSDS Creation Date:

01/18/1989

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**SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS**

Chemical Name	CAS#	Percent	
TARTARIC ACID	87-69-4	100.0	

RTECS:

WW7875000

OSHA PEL TWA: NOT ESTABLISHED

ACGIH TLV TWA: NOT ESTABLISHED

ACGIH STEL/Ceiling: N/P

Comments:

Other REC Limits: NONE SPECIFIED ; Ozone Depleting Chemical: N ;

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**SECTION 3 : HAZARDS IDENTIFICATION**

**TARTARIC ACID:**

Route of Exposure:

Inhalation: YES Skin: YES Ingestion: NO

Potential Health Effects:

ACUTE-INHALATION:DUST MAY CAUSE SORE THROAT,COUGHING,SNEEZING & IRRITATION.EYES/SKIN:MAY CAUSE REDNESS & PAIN.INGESTION:LARGE DOSE MAY CAUSE SORE THROAT,NAUSEA,VOMITING,DIARRHEA,ABDOMINAL PAIN & THIRST.DEATH MAY RESULT FROM CARDIOVASCULAR COLLAPSE/RENAL FAILURE.CHRONIC-EROSIONS OF TEETH,DERMATITIS,CONJUNCTIVITIS.

Carcinogenicity:

N/P

OSHA Designation: NO

NTP Designation: NO

IARC Designation: NO

Signs/Symptoms:

SEE HEALTH HAZARDS SECTION.

Aggravation of Pre-Existing Conditions:

NONE GIVEN.

LD 50 LC 50 Mixture

LD50 (ORAL RAT) IS UNKNOWN

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#### **SECTION 4 : FIRST AID MEASURES**

First Aid

GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. EYES: IMMEDIATELY FLUSH WITH WATER/NORMAL SALINE FOR 15 MINUTES HOLDING EYELIDS OPEN. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. INGESTION: GASTRIC LAVAGE SHOULD BE PERFORMED BY MEDICAL PERSONNEL.

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#### **SECTION 5 : FIRE FIGHTING MEASURES**

Flash Point:

410F, 210C

Flash Point Method:

OC

Upper Flammable or Explosive Limit: N/K

Lower Flammable or Explosive Limit: N/K

Auto Ignition Temperature: 757

Extinguishing Media:

USE WATER FOG, CARBON DIOXIDE, FOAM, HALON, OR DRY CHEMICAL.

Fire Fighting Instructions:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. MOVE CONTAINER FROM FIRE AREA IF POSSIBLE.

Unusual Fire Hazards:

COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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#### **SECTION 6 : ACCIDENTAL RELEASE MEASURES**

Leak Response:

SWEEP UP AND PLACE IN SUITABLE CLEAN, DRY CONTAINERS FOR RECLAMATION OR LATER DISPOSAL. DO NOT FLUSH WITH WATER. KEEP UNNECESSARY PEOPLE AWAY.

Other Precautions:

DO NOT TAKE INTERNALLY. DO NOT BREATHE DUST. AVOID CONTACT WITH EYES AND SKIN. WASH THOROUGHLY AFTER HANDLING.

Neutralizing Agent

SODIUM BICARBONATE

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## SECTION 7 : HANDLING and STORAGE

Handling:

STORAGE-STORE IN A COOL, DRY, VENTILATED AREA. KEEP CONTAINERS TIGHTLY CLOSED.

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## SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:

LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Hand Protection Description:

NEOPRENE, NITRILE, OR NATURAL RUBBER

Eye/Face Protection:

SPLASH-PROOF/DUST-RESISTANT SAFETY GOGGL

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR AS REQUIRED IF ABOVE PEL/TLV OR SELF-CONTAINED BREATHING APPARATUS WITH A FULL FACEPIECE OPERATED IN PRESSURE-DEMAND OR OTHER POSITIVE PRESSURE MODE IN AN ENCLOSED AREA.

Other Protective:

EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED.

Other:

N/P

Work Hygienic Practices

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTACT LENSES.

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## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:

ODORLESS, WHITE POWDER OR CRYSTALS WITH AN ACIDIC TASTE

pH:

2.2

Decomposition Temperature:

UNKNOWN

Vapor Pressure:

UNKNOWN

Vapor Density:

5.18

Boiling Point:

N/R

Melting Point:

340F, 171C

Solubility In Water:

139 %

Specific Gravity:

1.7598

Evaporation Point:

N/R

Percent Volatile:

N/R

Viscosity:

N/P

Other:

Corrosion Rate: UNKNOWN

Comment:

NRC/State LIC Number: N/R

HCC

V5

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### **SECTION 10 : STABILITY AND REACTIVITY**

Chemical Stability:

YES

Conditions to Avoid:

HIGH HEAT, OPEN FLAMES

Incompatibilities with Other Materials:

STRONG OXIDIZING AGENTS, METALS (SILVER)

Hazardous Polymerization:

NO

Hazardous Decomposition Products:

TOXIC OXIDES OF CARBON

Conditions To Avoid Polymerization

NOT APPLICABLE

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### **SECTION 11 : TOXICOLOGICAL INFORMATION**

Toxicological Paragraph:

N/P

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### **SECTION 12 : ECOLOGICAL INFORMATION**

Ecological Paragraph:

N/P

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### **SECTION 13 : DISPOSAL CONSIDERATIONS**

Waste Disposal:

CONSULT LOCAL AUTHORITIES.DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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### **SECTION 14 : TRANSPORT INFORMATION**

Transportation Information:

N/P

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### **SECTION 15 : REGULATORY INFORMATION**

**TARTARIC ACID:**

SARA:

N/P

US Federal:

N/P

State:

N/P

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**SECTION 16 : ADDITIONAL INFORMATION**

MSDS Author:

N/P

Disclaimer:

Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information

N/P

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