

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-140/1401-55-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

1401-55-4

**Code:**

M

**RTECS:**

WW5075000

**Code:**

M

**Name:**

TANNIC ACID

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

N/K

**Code:****ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH APPROVED CHEMICAL CARTRIDGE RESPIRATOR TO REMOVE SOLID AIRBORNE PARTICLES OF OVERSPRAY DURING SPRAY APPLICATION.

**Ventilation:**

PROVIDE LOCAL EXHAUST VENTILATION TO KEEP

**Protective Gloves:**

RECOMMENDED

**Eye Protection:**

SAFETY EYEWEAR

**Other Protective Equipment:**

Equipment N/R

**Work Hygienic Practices:**

N/R 3

**Supplemental Safety and Health:**

N/R

## Health Hazards Data

**LD50LC50Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

N/K

**Health Hazards Acute And Chronic:**

INHALATION: CAN IRRITATE EYES, NOSE & RESPIRATORY PASSAGE. SKIN/EYE: DUE TO THE LOW PH, THIS PRODUCT IS A SLIGHT TO MODERATE IRRITANT, REDNESS, ITCHING & BURNING SENSATION. INGESTION: NON-TOXIC.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

INHALATION: CAN IRRITATE EYES, NOSE & RESPIRATORY PASSAGE. SKIN/EYE: DUE TO THE LOW PH, THIS PRODUCT IS A SLIGHT TO MODERATE IRRITANT, REDNESS, ITCHING & BURNING SENSATION. INGESTION: NON-TOXIC.

**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE FROM EXPOSURE. EYE: FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINS. NOTIFY PHYSICIAN. SKIN: WASH AFFECTED AREA W/SOAP & WATER & REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. DILUTE W/WATER. IF GASTROINTESTINAL SYMPTOMS DEVELOP, CONSULT PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Spill Release Procedures:**

SOAK UP LIQUID W/ABSORBENT & SHOVEL INTO WASTE CONTAINER. WASH SPILL AREA W/WATER & FLUSH TO SEWER SERVICED BY WASTEWATER TREATMENT FACILITY.

**Neutralizing Agent:**

2 N/K

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**

NON-FLAMMABLE. KEEP FROM FREEZING.

**Other Precautions:**

N/R

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

N/A

**Flash Point Text:**

NON-FLAMMABLE

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

N/R

**Fire Fighting Procedures:**

WATER MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT BUILD-UP OF STEAM.

**Unusual Fire/Explosion Hazard:**

CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT DUE TO BUILD-UP OF STEAM.

## Physical/Chemical Properties

**HCC:****NRC/State LIC No:****Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/A

**B.P. Text:**

212-400F

**Melt/Freeze Pt:**

N/K

**M.P./F.P. Text:**

N/K

**Decomp Temp:**

N/K

**Decomp Text:**

N/K

**Vapor Pres:**

N/K

**Van Der Density:**

>AIR

**Volatile Org Content %:**

N/R

**Spec Gravity:**

N/K

**VOC Pounds/Gallon:**

N/R

**PH:**

1-2.3

**VOC Grams/Liter:**

N/R

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

SLOWER THAN ETHER

**Solubility in Water:**

N/K

**Appearance and Odor:**

N/K

**Percent Volatiles by Volume:**

5%

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

N/R

**Materials To Avoid:**

STRONG ALKALIES

**Hazardous Decomposition Products:**

CO, CO2

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/R

## Toxicological Information

**Information:**

N/P

## MSDS/Transport Information

**Information:**

N/P

## Regulatory Information

**Sara Title III Information:**

N/P

**Federal Regulatory Information:**

N/P

**State Regulatory Information:**

N/P

## Other Information

**Other Information:**

N/P

## LookChem

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