

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-68/68-04-2.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

68-04-2

**Code:**

M

**RTECS:**

GE8300000

**Code:**

M

**Name:**

SODIUM CITRATE

**Other REC Limits:**

NONE SPECIFIED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:****Code:****ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE NIOSH/MSHA APPROVED ORGANIC VAPOR CARTRIDGE AND DUST/MIST PRE-FILTER RESPIRATORS AS PER CURRENT 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS AND NIOSH-RESPIRATOR SELECTION.

**Ventilation:**

GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT.

**Protective Gloves:**

NONE

**Eye Protection:**

SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

**Other Protective Equipment:**

Equipment NONE 5

**Work Hygienic Practices:**

OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

**Supplemental Safety and Health:**

NONE

## Health Hazards Data

**LD50/LC50/Mixture:**

LD50 (ORAL RAT) IS >1600 MG/KG

**Route Of Entry Inds - Inhalation:**

NO

**Skin:**

NO

**Ingestion:**

NO 3

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHALATION: LOW HAZARD FOR RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW HAZARD.

**Explanation Of Carcinogenicity:**

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

**Signs And Symptoms Of Overexposure:**

MAY CAUSE TRANSIENT IRRITATION OF THE EYES.

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MANUFACTURER.

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. SKIN: WASH WITH SOAP AND WATER. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL AT TENTION.

**Spill Release Procedures:**

FLUSH TO AN ACID-FREE SEWER WITH LARGE AMOUNTS OF WATER.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISCHARGE, TREATMENT, OR DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

**Handling And Storage Precautions:**

KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM ACIDS OR BASES.

**Other Precautions:**

WASH THOROUGHLY AFTER HANDLING.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:****B.P. Text:**

N/R

**Melt/Freeze Pt:****M.P./F.P Text:**

N/R

**Autoignition Temp:****Autoignition Temp Text:**

NONE

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

USE APPROPRIATE AGENT FOR SURROUNDING FIRE.

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.

**Unusual Fire/Explosion Hazard:**

FIRE OR EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

## Physical/Chemical Properties

**HCC:**

N1

**NRC/State IC No:**

N/R

**Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/R

**Melt/Freeze Pt:****M.P./F.P Text:**

N/R

**Decomp Temp:****Decomp Temp Text:**

NONE

**Decomp Temp:**