MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses.

Click http://www.lookchem.com/cas-563/563-71-3.html for suppliers of this product. Composition/Information on Ingredient

Code: Χ Name:

FERROUS CARBONATE **Other REC Limits:** NK **OSHA PEL:** 10 MG/M3 (MFR) Code:

Μ **OSHA STEL:**

Code:

ACGIH TLV: 10 MG/M3 (MFR)

Cas: 563-71-3 Code: Μ

RTECS:

Code: Μ **ACGIHSTEL:** Code: **Control Measures** USE NIOSH/MSHA APPROVED RESPIRABLE FUME RESPIRATOR OR NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR WHEN WELDING IN CONFINED SPACE OR GENERAL WORK AREA WHEN LOCAL EXHAUST OR VENTILATION DOES NOT

Respiratory Protection: KEEP EX POSURE BELOW TLV. Ventilation: USE ENOUGH VENTILATION, LOCAL EXHST AT ARC, OR BOTH TO KEEP FUMES & GASES FROM WORKER'S BRTHG ZONE & GENERAL AREA.

Protective Gloves: WELDERS GLOVES.

Eye Protection: FACESHLD W/FILTER LENS. **Other Protective Equipment:** Equipment WEAR HAND, HEAD, AND BODY PROT. **Work Hygienic Practices:** NONE SPECIFIED BY MANUFACTURER. **Supplemental Safety and Health:** HAZ DECOMP PRODS: WELDED, THE PROCESS, PROCEDURES AND ELECTRODES USED.

Health Hazards Data LD50LC50Mixture: NONE SPECIFIED BY MANUFACTURER. **Route Of Entry Inds - Inhalation:**

YES Skin: YES Ingestion: YES **Carcinogenicity Inds - NTP:** NO IARC: NO

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

ELECTRIC ARC WELDING MAY CREATE ONE OR MORE OF THE FOLLOWING HEALTH HAZARDS: FUMES AND GASES CAN BE DANGEROUS TO

HLTH HAZ: OR EYES. LONG-TERM (CHRONIC) OVEREXPOSURE TO WELDING FUMES CAN LEAD TO SIDEROSIS (IRON DEPOSITS IN LUNG)

DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER, OR LINER AS ORDINARY WASTE IN AN ENVIRONMENTALLY ACCEPTABLE MANNER UNLESS OTHERWISE NOTED. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LO CAL REGULATIONS (FP N).

TRAIN THE WELDER TO KEEP HIS HEAD OUT OF THE FUMES. TRAIN THE WELDER NOT TO PERMIT ELECTRICALLY LIVE PARTS OR

ELECTRODES TO CONTACT SKIN OR CLOTHING OR GLOVES IF THEY ARE WET. INSULATE FROM WORK AND G ROUND.

YOUR HEALTH. COMMON ENTRY IS BY INHALATION. SHORT-TERM (ACUTE) OVEREXPOSURE TO WELDING FUMES MAY RESULT IN

DISCOMFORT SUCH AS DIZZINESS, NAUSEA, OR DRYNESS OR IRRITATION OF NOSE, THROAT, (SEE EFTS OF OVEREXP)

AND AFFECT PULMONARY FUNTION, ARC RAYS CAN INJURE EYES AND BURN SKIN, ELECTRIC SHOCK CAN KILL.

OSHA:

NOT RELEVANT

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER. First Aid: CALL FOR MEDICAL AID.EMPLOY FIRST AID TECHNIQUES RECOMMENDED BY THE AMERICAN RED CROSS.INHAL:IF BRTHING DIFFICULT, GIVE OXYG.IF NOT BRTHING, EMPLOY CPR TECHNIQUES. IN CASE OF ELECTRIC SHOCK, TURN OFF PO WER AND FOLLOW RECOMMENDED TREATMENT.INGEST:CALL MD IMMEDIATELY(FP N).EYES:IMMEDIATELY FLUSH EYES WITH POTABLE WATER FOR A MINIMUMOF 1 MINUTES.SKIN: FLUSH W/COPIUS AMTS OF WATER. IN ALL CCASES CALL MD. 6 **Spill Release Procedures:** NONE SPECIFIED BY MANUFACTURER. Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

Other Precautions:

Handling And Storage Precautions: NONE SPECIFIED BY MANUFACTURER.

Fire and Explosion Hazard Information Flash Point Method: N/P Flash Point: **Flash Point Text:** NON-FLAMMABLE **Autoignition Temp: Autoignition Temp Text:** N/A **Lower Limits:** N/K **Upper Limits:**

N/K **Extinguishing Media:** USE MEDIA SUITABLE FOR SURROUNDING FIRE (FP N). Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT (FP N). **Unusual Fire/Explosion Hazard:** NON-FLAMMABLE: WELDING ARC AND SPARKS CAN IGNITE COMBUSTIBLES AND FLAMMABLE PRODUCTS. 7 Physical/Chemical Properties

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

Boiling Point: B.P. Text: N/K Melt/Freeze Pt: M.P/F.P Text: N/K **Decomp Temp: Decomp Text:** N/K **Vapor Pres:** N/K

Vapor Density:

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

Solubility in Water:

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Appearance and Odor:

Evaporation Rate & Reference:

NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

www.lookchem.com

Other Information:N/P

MSDS Transport Information

WELDING FUMES GASES CANNOT BE CLASSIFIED SIMPLY.COMPOSITION QTY OF BOTH ARE DEPENDENT UPON METAL BEING (SUPP DATA)

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terms and conditions of sale.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

Volatile Org Content %:

N/K 8

N/K

PH: N/K

Viscosity: N/P

N/K

N/K

N/K

N/K

N/P

NO

NOT RELEVANT

Information:N/P

Information:N/P