MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses. Click http://www.lookchem.com/cas-101/10102-43-9.html for suppliers of this product.

Μ **RTECS:** QX0525000 Code:

Μ Name: NITRIC OXIDE (SARA 302) **Other REC Limits:**

Cas: 10102-43-9 Code:

Composition/Information on Ingredient

NONE RECOMMENDED **OSHA PEL: 25 PPM** Code: Μ

OSHA STEL: Code: **ACGIH TLV:** 25 PPM; 9596 Code:

Μ **ACGIHSTEL:** NΡ Code: **Control Measures**

PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR

Respiratory Protection: IF EXPOSURE MAY OR DOES EXCEED OCCUPATION EXPOSURE LIMITS USE A NIOSH-APPROVED RESPIRATOR TO OR AN AI R-PURIFYING RESPIRATOR. **Ventilation:**

TO BE DETERMINED BY NATURE OF THE PROCESSING ACTIVITY BEING PERFORMED. **Protective Gloves:** NONE REQUIRED UNDER NORMAL CONDITIONS **Eye Protection:** NONE REQUIRED UNDER NORMAL CONDITIONS Other Protective Equipment:

Equipment APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT IS REQUIRED WHEN MELTING, CASTING, MACHINING, FORGING OR OTHERWISE PROCESSING. **Work Hygienic Practices:** WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. **Supplemental Safety and Health:**

VAPOR DEGREASER MUST BE PROPERLY MAINTAINED TO LIMIT ACCUMULATION OF ALUMINUM FINES WHICH COULD RESULT IN FIRE OR EXPLOSION. Health Hazards Data LD50LC50Mixture: NOT GIVEN FOR PRODUCT AS A WHOLE **Route Of Entry Inds - Inhalation:** Skin: YES

Carcinogenicity Inds - NTP: IARC: NO OSHA: NO **Health Hazards Acute And Chronic:** INHALATION IS NOT LIKELY UNLESS MATERIAL IS MACHINED, WELDED OR REMELTED. MAY IRRITATE EYES WHEN WELDING OR PLASMA CUTTING. EXPOSURE TO ZINC OXIDE FUME CAN RESULT IN METAL FUME FEVER. RECOVERY IS USUA LLY COMPLETE IN 24-48 HOURS.

Ingestion:

STATE OR LOCAL REGULATIONS.

Other Precautions:

Flash Point Method:

N/P

N/K

HCC: N1

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: 950F,510C8

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: NOT GIVEN

Vapor Density: NOT GIVEN

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

Evaporation Rate & Reference:

METALLIC APPEARENCE,, NO ODOR

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

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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

WARRANTY

terms and conditions of sale.

NONE. WILL NOT OCCUR.

Information:N/P

Information:N/P

2.5-2.9

PH: N/K

Viscosity:

NOT GIVEN

Solubility in Water:

Corrosion Rate: UNKNOWN

Stability Indicator:

Materials To Avoid:

Appearance and Odor:

N/P

NIL

NIL

YES

Volatile Org Content %:

B.P. Text: NOT GIVEN

Net Prop WT For Ammo:

Flash Point:

Flash Point Text: NONFLAMMABLE

Autoignition Temp:

Lower Limits: NOT GIVEN

Upper Limits: NOT GIVEN

Extinguishing Media: DRY POWDER OR SAND

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

7 NONE SPECIFIED BY MANUFACTURER.

HYDROGEN TO FORM EXPLOSIVE AIR MIXTURES.

Physical/Chemical Properties

Autoignition Temp Text:

Handling And Storage Precautions:

NO COLOR CHANGE DURING HEATING.

Fire and Explosion Hazard Information

Explanation Of Carcinogenicity: THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptions Of Overexposure: RESPIRATORY TRACT IRRITATION, EYE IRRITATION, FLU-LIKE SYSPTOMS. **Medical Cond Aggravated By Exposure:** NONE SPECIFIED BY MANUFACTURER. First Aid:

EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. 6 **Spill Release Procedures:** NONE SPECIFIED BY MANUFACTURER. **Neutralizing Agent:** NONE SPECIFIED BY MANUFACTURER. **Waste Disposal Methods:**

USED OR UNUSED PRODUCT SHOULD BE TESTED TO DETERMINE HAZARD STATUS AND DISPOSAL REQUIREMENTS UNDER FEDERAL,

HDO NOT TOUCH CAST ALUMINUM METAL OR HEATED ALUMINUM PRODUCT WITHOUT KNOWING METAL TEMP. ALUMINUM EXPERIENCES

ALUMINUM POWDER MUST BE SHIPPED AND PACKAGED AS A FLAMMABLE SOLID. SOME ALUMINUM SCRAP MAY BE CONTAMINATED WITH

DO NOT USE WATER OR HALOGEN ON DUST FUMES. DAMP ALUMINUM DUST MAY SPONTANEOUSLY HEAT WITH LIBERATION OF

OIL AT LEVELS GREATER THAN 1%. MELTING WOULD GENERATE OIL VAPORS WHICH COULD BE IRRITATI NG.