MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

CATELOG NUMBER: 14119          PRODUCT NAME: Nitrotsy & Nitrate Reagent
CAS. NO: NA                   CHEMICAL NAME: Not applicable
FORMULA: Not applicable        CHARGE NO: Not applicable
CHEMICAL FAMILY: Not applicable

III. PHYSICAL DATA

STATE: solid          APPEARANCE: Blue metallic powder         ODOR: None

SOLUBILITY IN: WATER: Soluble | ACID: Not determined | OTHER: Not determined

MELTING PT.: NA | MELTING PT.: NA | SPECIFIC GRAVITY: NA | pH: 3.40

VAPOR PRESSURE: Not applicable | VAPOR DENSITY (air=1): NA | EVAPORATION RATE: NA

METAL CORROSIVITY - ALUMINUM: ND | STEEL: ND | STABILITY: See Conditions to Avoid

STORAGE PRECAUTIONS: Store tightly closed in a cool, dry place.

IV. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH POINT: Not applicable | METHOD: NA | FLAMMABILITY LIMITS - LOWER: NA | UPPER: NA

SUSCEPTIBILITY TO SPONTANEOUS HEATING: None

SHOCK SENSITIVITY: None | AUTOIGNITION PT.: NA

EXTINGUISHING MEDIA: Water, carbon dioxide, or dry chemical

FIRE/EXPLOSION HAZARDS: May emit toxic fumes in fire

HAZARDOUS DECOMP. PRODUCTS: May emit toxic fumes of calcium oxide, nitrogen oxides and sulfur oxides in fire

OSHA CODES: Health: Flammability: | Reactivity: 1

CONDITIONS TO AVOID: Unnecessary exposure to moisture. Avoid creation of dusts.

V. HEALTH HAZARD DATA

THIS PRODUCT MAY BE IRRITATING TO EYES, SKIN AND RESPIRATORY TRACTS.

ACUTE TOXICITY: Moderately toxic

TARGET ORGANS: Central nervous system, gastrointestinal and respiratory tract, liver, spleen

CHRONIC TOXICITY: Danger of cumulative effects

DANGEROUS EXPOSURES: Inhalation

CANCER, MUTAGEN, TERATOGEN DATA: Suspected carcinogen

routes of exposure: Inhalation

TARGET ORGANS: Not determined

OVEREXPOSURE: Irritation, shortness of breath, chest pain, weakness, leg pain, destruction of lung tissue, liver and kidney damage
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory conditions, liver or kidney disease.

VI. PRECAUTIONARY MEASURES

Protect from moisture.

Wash thoroughly after handling.

Avoid contact with eyes, skin and clothing.

Do not breathe chemicals.

PROTECTIVE EQUIPMENT: Face hood, disposable gloves, safety glasses, lab coat.

VII. FIRST AID

EYE AND SKIN CONTACT: Immediately flush eyes with water for 15 minutes. Call physician. Wash skin with soap and plenty of water.

INGESTION: Administer milk or beaten egg whites at frequent intervals. Induce vomiting. Never give anything by mouth to an unconscious person. Call physician.

INHALATION: Remove to fresh air. Give artificial respiration if necessary. Call physician.

VIII. SPILL AND DISPOSAL PROCEDURES

IN CASE OF SPILL OR RELEASE: Dispose of in an EPA approved landfill.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

IX. TRANSPORTATION DATA

PROPER SHIPPING NAME: Not Currently Regulated

X. REFERENCES

4) 26 CFR 1900 - 1910 (Code of Federal Regulations - Labor)
5) Outside testing.
6) In-house information
7) Technical judgment

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