

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-192/19200-21-6.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

19200-21-6

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

NITRONIUM HEXAFLUOROPHOSPHATE

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M N/P

**ACGIH STEL:**

EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem

**Code:**

1 ACGIH STEL:

## Control Measures

**Respiratory Protection:**

NIOSH/MSHA APPROVED HIGH EFFICIENCY PARTICULATE RESPIRATOR FOR ORDINARY USE & SCBA FOR EMERGENCY USE.

**Ventilation:**

LOCAL EXHAUST: FUME HOOD/SPECIAL: GLOVE BOX/BAG W/DRY INERT ATMOSPHERE.

**Protective Gloves:**

POLYVINYL CHLORIDE

**Eye Protection:**

CHEMICAL SAFETY GOGGLES

**Other Protective Equipment:**

Equipment LAB COAT & APRON, FLAME & CHEMICAL RESISTANT COVERALLS, EYEWASH, SAFETY DRENCH SHOWER & HYGIENIC FACILITIES FOR WASHING.

**Work Hygienic Practices:**

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY AFTER USE.

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50 Mixture:**

N/P

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

NO

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INORGANIC FLUORIDES ARE HIGHLY IRRITATING & TOXIC. ACUTE EFFECTS: RESULTING FROM EXPOSURE TO FLUORIDE COMPOUNDS DUE TO THE EVOLUTION OF HYDROGEN FLUORIDE ON CONTACT W/MOISTURE. CORROSIVE & IRRITATING TO EYES, SKIN, MUCOUS MEMBRANES.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

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**Medical Cond Aggravated By Exposure:**

N/K

**First Aid:**

INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. SKIN: FLOOD W/LARGE VOLUMES OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**

WEAR FULL PROTECTIVE CLOTHING & RESPIRATORY PROTECTION, ELIMINATE ALL SOURCES OF IGNITION. COVER W/DRY SAND/DRY VERMICULITE, MIX WELL & CAREFULLY TRANSFER TO A WELL MARKED CONTAINER. CLOSE CONTAINER TIGHTLY. SUBMIT/RETAIN FOR DISPOSAL.

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF FAW/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**

STORE IN A COOL, DRY WELL VENTILATED AREA. USE ADEQUATE VENTILATION. KEEP CONTAINER TIGHTLY CLOSED.

**Other Precautions:**

AVOID CONTACT W/SKIN, EYES & CLOTHING. MATERIAL IS VERY HYGROSCOPIC.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P 2

**Flash Point:**

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**Flash Point Text:**

N/K

**Decomp Temp:**

N/K

**Autoignition Temp:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

USE WATER, CO<sub>2</sub>, DRY CHEMICAL EXTINGUISHING AGENTS, DRY SAND, DRY GROUND DOLomite.

**Fire Fighting Procedures:**

WEAR NIOSH/MSHA APPROVED SCBA, FLAME & CHEMICAL RESISTANT CLOTHING, HATS, BOOTS & GLOVES. COOL CONTAINER W/WATER FROM MAXIMUM DISTANCE.

**Unusual Fire/Explosion Hazard:**

NONFLAMMABLE. CONTAMINATED WATER/MATERIAL RUNOFF MAY POLLUTE WATER SUPPLY.

## Physical/Chemical Properties

**HCC:**

**NRC/State Lic No:**

**Net Prop WT For Ammo:**

N/P

**Boiling Point:**

N/K

**B.P. Text:**

N/K

**Decomp Temp:**

N/K

**Autoignition Temp:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

USE WATER, CO<sub>2</sub>, DRY CHEMICAL EXTINGUISHING AGENTS, DRY SAND, DRY GROUND DOLomite.

**Fire Fighting Procedures:**

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## Toxicological Information

**Information:** N/P

**MSDS Transport Information:** N/P

**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

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