

ALLIED-HUNTER CORP -- NICKEL SULFATE HEXAHYDRATE -- 6810-00-281-2684

===== Product Identification =====

Product ID:NICKEL SULFATE HEXAHYDRATE

MSDS Date:02/27/1996

FSC:6810

NIIN:00-281-2684

MSDS Number: CFFDK

=== Responsible Party ===

Company Name:ALLIED-HUNTER CORP

Address:428 PENNSYLVANIA AVE

Box:1239

City:FORT WASHINGTON

State:PA

ZIP:19034

Country:US

Info Phone Num:215-646-4700

Emergency Phone

Num:215-646-4700/800-424-9300(CHEMTREC)

CAGE:05PD8

=== Contractor Identification ===

Company Name:ALLIED-HUNTER CORP

Address:428 PENNSYLVANIA AVE

Box:1239

City:FORT WASHINGTON

State:PA

ZIP:19034

Country:US

Phone:215-646-4700

CAGE:05PD8

Company Name:GLOBAL AMCHEM, INC.

Box:2221

City:LONGVIEW

State:TX

ZIP:75606

Country:US

Phone:903-236-0138/FAX 0139

CAGE:056F3

===== Composition/Information on Ingredients =====

Ingred Name:NICKEL(II) SULFATE HEXAHYDRATE

CAS:10101-97-0

RTECS #:QR

9600000

Fraction by Wt: 60- 100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3 AS NI

ACGIH TLV:0.05 MG/M3 AS NI

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 275 MG/KG (RTECS).

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- INHALE:MAY CAUSE UPPER RESPIRATORY TRACT IRR

ITATION. EYE:MAY CAUSE IRRITATION, PAIN. SKIN:MAY CAUSE IRRITATION, SENSITIZATION OR ALLERGIC REAC TIONS (NICKEL ITCH). ORAL:IRRITATING TODIGESTIVE TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:CONTAINS NICKEL.

Effects of Overexposure:IRRITATION, PAIN, TEARING, VOMITING, DIARRHEA, NAUSEA, ALLERGIC SKIN REACTION/SENSITIZATION, SHORTNESS OF BREATH, SORE THROAT, COUGH

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS, OR IMPAI RED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

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===== First Aid Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:FLUSH WITH WATER. INHALED:MOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOU S, INDUCE VOMITING IMMEDIATELY. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE FLUID OR INDUCE V

OMITING IF PATIENT IS UNCONSCIOUS OR HAS CONVULSIONS.

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===== Fire Fighting Measures =====

Flash Point:NONE

Lower Limits:NOT RELEVANT

Upper Limits:NOT RELEVANT

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:AS WITH ANY FIRE, WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS TO AVOID INHALATION OF HAZA

RDOUS DECOMPOSTION PRODUCTS.

Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
SCOOP UP OR VACUUM. AVOID DUSTING. PLACE IN A SUITABLE CONTAINER
FOR DISPOSAL OR RECYCLING.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:KEEP IN A TIGHTLY CLOSED CONTAINER, IN
A COOL, DRY, VENTILATED AREA. KEEP AWAY FROM FOOD AND FEED.

Other Precautions:DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. AVOID
BREATHING DUST. PROTECT CONTAINER AGAINST PHYSICAL DAMAGE. WASH
THOROUGHLY AFTER HANDLING. DO NOT INGEST. KEEP OUT OF REACH OF
CHILDREN. EMPTY CONTAINER RETAINS RESIDUE, FOLLOW PRECAUTIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO
CONTROL DUST CONCENTRATIONS TO AN ACCEPTABLE LEVEL,

A
NIOSH-APPROVED DUST RESPIRATOR SHOULD BE WORN.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST
LEVELS AS LOW AS POSSIBLE.

Protective Gloves:LATEX FOR REPEATED/PROLONGED CONTACT

Eye Protection:DUST RESISTANT SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND
IMPERVIOUS CLOTHING

Work Hygienic Practices:GOOD PERSONAL HYGIENE PRACTICES REQUIRE THAT
GROSS AMOUNT OF ANY CHEMICAL BE REMOVED FROM THE SKIN AS SOON AS
PRACTICAL.

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Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C3

NRC/State Lic Num:NOT RELEVANT

Spec Gravity:2.07

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:62.5% @ 0C/32F

Appearance and Odor:BLUE-GREEN CRYSTALS, ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
NONE

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:SULF

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL SERVICE. AVOID CONTAMINATING ENVIRONMENT.

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