

CP CHEMICALS INC -- NICKEL SULFAMATE SOLUTION #10/#20/#24/#28 -- 6850-00-437-6583

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

Product ID:NICKEL SULFAMATE SOLUTION #10/#20/#24/#28

MSDS Date:08/22/1989

FSC:6850

NIIN:00-437-6583

MSDS Number: BHYJG

=== Responsible Party ===

Company Name:CP CHEMICALS INC

Address:1 PARKER PLZ

City:FT LEE

State:NJ

ZIP:07024

Country:US

CAGE:HO912

=== Contractor Identification ===

Company Name:CP CHEMICALS INC

Address:1 PARKER PLAZA, SUITE 1400

City:FORT LEE

State:NJ

ZIP:07024

Country:US

Phone:803-481-8528

CAGE:HO912

Company Name:CP CHEMICALS, INC

Address:1 PARKER PLZ

Box:City:FT LEE

State:NJ

ZIP:07024

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:8C813

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

Ingred Name:NICKEL SULFAMATE

CAS:13770-89-3

RTECS #:QR9275000

Fraction by Wt: 26-56%

OSHA PEL:1 MG(NI)/CUM, 8H TWA

ACGIH TLV:0.1 MG(NI)/CUM TWA

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE IRRITATION.
Effects of Overexposure:INHALE: MAY CAUSE IRRITATION OF THE UPPER
RESPIRATORY TRACT, COUGHING,SORE THROAT, AND SHORTNESS OF BREATH.
SENSITIVE INDIVIDUALS MAY DEVELOP ASTHMA, BRONCHITIS, DYSPNEA AND
WHEEZING. INGEST: MAY CAUS E NAUSEA, VOMITING, ABDOMINAL PAIN AN
D
DIARRHEA, LARGE AMOUNT MAY LEAD TO CONVULTION. SKIN: IRRITATION,
REDNESS & PAIN.
Medical Cond Aggravated by Exposure:NONE STATED.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING.
GET MEDICAL ATTENTION. EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER
FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION.
SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER.
INGESTION:IN
DUCE VOMITING BY GIVING TWO GLASSES OF WATER OR MILK &
STICK FINGER IN THROAT. NOTHING GIVEN TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:NONE STATED.

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

Spill Release Procedures:REMOVE COMBUSTIBLES AND SOURCES OF HEAT OR
IGNITION. VACUUM UP SPILLED MATERIAL.
AVOID MISTING. PACKAGE FOR
RECLAMATION OR RECOVERY. WHATEVER CAN NOT BE SAVED MAY BE
NEUTRALIZED WITH SODA ASH AND DISP OSE OF IN AN APPROVED LANDFILL.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA. KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE. PROTECT
CONTAINERS FROM PHYSICAL DAMAGE.
Other Precautions:PROTECT FROM PHYSICAL DAMAGE.

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= Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR IF EXPOSURE EXCEEDS THE LIMIT.

Ventilation:LOCAL EXHAUST IS RECOMMENDED.

Protective Gloves:RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO

NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

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

HCC:C3

Boiling Pt:B.P. Text:215-220F

Spec Gravity:1.25-1.6

pH:4.5

Solubility in Water:COMPLETE

Appearance and Odor:ODORLESS, GREEN SOLUTION.

Percent Volatiles by Volume:44-74

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

Stability Indicator/Materials to Avoid:YES

AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Stability Condition

to Avoid:DO NOT BOIL SOLUTION OR EVAPORATE TO DRYNESS.

Hazardous Decomposition Products:OXIDES OF SULFUR AND NITROGEN.

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

Waste Disposal Methods:DISPOSE OF IN AN APPROVED LANDFILL. DO NOT FLUSH INTO SEWER OR STREAM. DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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