

WITCO ALLIED-KELITE DIV OF WITCO CHEMICAL CORP -- 60001, SULFAMATE SN --
6850-01-016-1807

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

Product ID:60001, SULFAMATE SN

MSDS Date:11/12/1991

FSC:6850

NIIN:01-016-1807

MSDS Number: BTGGB

=== Responsible Party ===

Company Name:WITCO ALLIED-KELITE DIV OF WITCO CHEMICAL CORP

Address:400 MIDLAND AVE

City:HIGHLAND PARK

State:MI

ZIP:48203-3734

Country:US

Info Phone Num:313-437-8161

Emergency Phone Num:313-437-8161/800-424-9300(CHEM
TREC)

Preparer's Name:C. WILKIE

CAGE:99442

=== Contractor Identification ===

Company Name:WITCO ALLIED-KELITE DIV OF WITCO CHEMICAL CORP

Address:400 MIDLAND AVE

Box:City:HIGHLAND PARK

State:MI

ZIP:48203-3734

Country:US

Phone:313-437-8161/800-424-9300(CHEMTREC)

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

Ingred Name:NICKEL SULFAMATE

CAS:13770-89-3

RTECS #:QR9275000

Fraction by Wt: 25.6%

Other REC Limits:NONE SPECIFI

OSHA PEL:0.1 MG(NI)/M3

ACGIH TLV:0.1 MG(NI)

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS UNKNOWN.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES:IRRITATION. SKIN:IRRITATION.

INGESTION: NO INFORMATION GIVEN BY MFR. INHALATION: IRRITATION OF RESPIRATORY TRACT. CHRONIC-DERMATITIS (NICKEL ITCH), PNEUMONITIS, ALLERGIC ASTHMA. TARGET ORGANS: S KIN, LUNGS.

Exp

lanation of Carcinogenicity:NICKEL COMPOUNDS ARE LISTED BY NTP AND IARC AS CARCINOGENIC TO HUMANS.

Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION, DERMATITIS (NICKEL ITCH). INHALATION: IRRITATION OF RESPIRATORY TRACT, PNEUMONITIS,ALLERGIC ASTHMA. INGESTION: MAY CAUSE NAUSEA, VOMITING, ABDOMINAL PAIN AND DIARRH EA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: F

LUSH WITH LARGE AMOUNTS OF WATER. GET MEDICAL

ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH AREA WITH LARGE AMOUNTS OF WATER. INHALATION: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMP TOMS DEVELOP. INGESTION: GET MEDICAL ATTENTION.

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

Extinguishing Media:COOL CLOSED CONTAINERS EXPOSED TO FIRE WITH WATER.

Fire Fighting Procedures:COOL CLOSED CONTAINERS EXPOSED TO FIRE WITH WATER.

Unusual Fire/Explosion H
azard:NONE.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING AND EQUIPMENT DURING CLEANUP. ABSORB SPILL ON AN INERT ABSORBENT MATERIAL SUCH AS EARTH, SAND, OR VERMICULATE. SCOOP UP AND PUT INTO APPROPRIATE CONTAINER FOR DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTIL

ATED
AREA AWAY FROM DIRECT HEAT OR SUNLIGHT. DO NOT STORE NEAR STRONG
OXIDIZING AGENTS.
Other Precautions:PROTECT CONTAINERS FROM PHYSICAL DAMAGE. KEEP
CONTAINERS CLOSED.

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

Respiratory Protection:IF THE TLV/PEL OF THE PRODUCT OR ANY COMPONENT
IS EXCEEDED, USE A NIOSH/MSHA APPROVED SELF-CONTAINED RESPIRATOR.
Ventilation:LOCAL EXHAUST IF NECESSARY TO MAINTAIN ALLOWABLE PEL OR
TLV.
Protective Gloves:RUBBER GLOVE
S.
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:WASH AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health

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

HCC:C3
Boiling Pt:B.P. Text:>212F,>100C
Spec Gravity:1.25
pH:4.5
Evaporation Rate &
; Reference:APPROX=1 (WATER = 1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR GREEN LIQUID. NO ODOR.
Percent Volatiles by Volume:70

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

Stability Indicator/Materials to Avoid:YES
ALKALIS AND OXIDIZING AGENTS.
Stability Condition to Avoid:AVOID HEAT AND DIRECT SUNSHINE.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Meth

ods:DISPOSE OF WASTE IN ACCORDANCE WITH LOCAL, STATE
AND FEDERAL REGULATIONS.

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