

MCGEAN -ROHCO,INC. -- NICKEL SULFAMATE LIQUID 20 OPG -- 6850-00-437-6583

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Product Identification  
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Product ID:NICKEL SULFAMATE LIQUID 20 OPG

MSDS Date:05/01/1997

FSC:6850

NIIN:00-437-6583

MSDS Number: BRLXR

=== Responsible Party ===

Company Name:MCGEAN -ROHCO,INC.

Address:2910-HARVARD AVE

City:CLEVELAND

State:OH

ZIP:44109

Country:US

Info Phone Num:216-621-6425/703-527-3887

Emergency Phone

Num:216-441-4900

Resp. Party Other MSDS Num.:44142

Chemtrec Ind/Phone:(800)424-9300

CAGE:98299

=== Contractor Identification ===

Company Name:MCGEAN -ROHCO,INC.

Address:2910-HARVARD AVE

City:CLEVELAND

State:OH

ZIP:44109

Country:US

Phone:216-441-4900

CAGE:98299

Company Name:MCGEAN-ROHCO INC

Address:9520 E CEE BEE DR

Box:City:DOWNEY

State:CA

ZIP:90241-5501

Country:US

Phone:562-803-4311/FAX: 562-803-6701

Contract Num:SP0450-99-M-CD39

CAGE:71361

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Composition/Information on Ingredient  
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Ingred Name:NICKEL SULFAMATE  
CAS:13770-89-3  
RTECS #:QR9275000  
Minumum % Wt:10.  
Maxumum % Wt:11.  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.1 MG/M3 NI  
ACGIH TLV:0.1 MG/M3 NI

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:TARGET ORGANS: NASAL CAVITIES, LUNG,  
SKIN.  
ACUTE EFFECTS. POSSIBLE SLIGHT IRRITATION. CHRONIC EFFECTS:  
SKIN SENSITIZATION. CHRONIC ECZEMA OR "NICKEL ITCH".  
Explanation of Carcinogenicity:SUSPECT CARCINOGEN  
Effects of Overexposure:EYES-SLIGHT IRRITATION. INGESTION- NAUSEA,  
VOMITING, DIARRHEA. SKIN-ITCHING. INHALED-NONE KNOWN.  
Medical Cond Aggravated by Exposure:DERMATITIS.

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

First Aid:EYES-FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF ANY  
IRRITATION PERSISTS,  
SEE A PHYSICIAN. SKIN CONTACT-WASH WITH SOAP &  
WATER. INHALATION-REMOVE TO FRESH AIR. INGESTED-IF CONSCIOUS, GIVE  
MILK OR WATER TO DRINK & INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point:NONE  
Extinguishing Media:NOT FLAMMABLE. DLA-HMIS STAFF: WATER SPRAY,  
CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE.  
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED  
SELF-CONTAINED BREATH

ING APPARATUS. DLA-HMIS STAFF: USE WATER SPRAY  
TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:TOXIC AND CORROSIVE FUMES COULD BE  
EMITTED UNDER FIRE CONDITIONS.

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

Spill Release Procedures:ABSORB ON SUITABLE MATERIAL SUCH AS CLAY OR  
VERMICULITE, ETC.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:S  
TORE IN TIGHTLY CLOSED CONTAINER.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF TWA EXCEEDED, MUST BE NIOSH OR MSHA APPROVED.

Ventilation:SUFFICIENT TO KEEP BELOW TWA LIMIT.

Protective Gloves:RUBBER.

Eye Protection:CHEMICAL SPLASH GOGGLES

Other Protective Equipment:SUFFICIENT TO PREVENT SKIN CONTACT, EYE

WASH,. DLA-HMIS: SAFETY SHOWER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Su

pplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:C3

Boiling Pt:>100.C, 212.F

Vapor Pres:18 @ 68F

Vapor Density:0.6

Spec Gravity:1.4 - 1.5

pH:3 - 5

Evaporation Rate & Reference: