

HELION INDUSTRIES INC -- QUALCHEM NPX MIL PRF 83936C,PAINT REMOVER,TANK TYPE --
8010-01-374-4336

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

Product ID:QUALCHEM NPX MIL PRF 83936C,PAINT REMOVER,TANK TYPE

MSDS Date:04/01/1998

FSC:8010

NIIN:01-374-4336

MSDS Number: CHZCC

=== Responsible Party ===

Company Name:HELION INDUSTRIES INC

Address:681 MAIN ST

City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Info Phone

Num:201-759-0200 / FAX 201-759-1235

Emergency Phone Num:201-759-0200

CAGE:0AP29

=== Contractor Identification ===

Company Name:HELION INDUSTRIES INC

Address:681 MAIN ST, BLDG 12

Box:City:BELLEVILLE

State:NJ

ZIP:07109

Country:US

Phone:800-327-3456

CAGE:0AP29

Company Name:QUALCHEM CO DIV OF GREEN GLOBE INDUSTRIES INC

Address:600 MEADOWLANDS PKY NO 20

Box:City:SECAUCUS

State:NJ

ZIP:07094

Country:US

Phone:800-327-3456 FAX: 201-842-1307

CAGE:07XT7

===== Composition/Information on Ingredient

ts =====

Ingred Name:ETHANOLAMINE
CAS:141-43-5
RTECS #:KJ5775000
Fraction by Wt: >15%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:3 PPM
ACGIH TLV:3 PPM/6 STEL; 9596

Ingred Name:N-METHYLPYRROLIDONE
CAS:872-50-4
RTECS #:UY5790000
Fraction by Wt: >60%
Other REC Limits:NONE RECOMMENDED
ACGIH TLV:100 PPM

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of
Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: IRRITATION, BURNS,
CONJUNCTIVITIS. SKIN: IRRITATION, BURNS, DRY SKIN, DERMATITIS.
INHALATION: VAPORS MAY BE IRRITATING TO NOSE AND RESPIRATORY TRACT.
MAY CAUSE HEADACHES, DIZZINESS, NAUSEA. INGESTION: GI TRACT
IRRITATION, BURNS. MAY CAUSE NAUSEA, VOMITING. CHRONIC:REPEATED
INHALATION MAY CAUSE LUNG DAMAGE.
Explanation of Carcinogenicity:PRODUCT CONTAINS NO KNOWN CARCINOGENS.
Effects of Overexposure:EYES: IRRITATION, BURNS, CONJUNCTIVITIS. SKIN:
IRRITATION,BURNS, DRY SKIN, DERMATITIS. INHALATION: NOSE AND
RESPIRATORY TRACT IRRITATION, HEADACHES, DIZZINESS, NAUSEA.
INGESTION: GI TRACT IRRITATION, BURNS, NAUSEA, VOMITING.
Medical Conditions Aggravated by Exposure:DERMATITIS, EXISTING RESPIRATORY
DISEASE, EXISTING LIVER AND KIDNEY DISEASE.

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

First Aid:EYES: FLUSH WITH LARGE AMOUNTS OF WATER. IF IRRITATIO

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PERSISTS, GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION. INHALATION: MOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. GET MEDICAL ATTENTION. INGESTION: GIVE SEVERAL GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

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

Flash Point Method:TCC

Flash Point:>200F,>93C

Extinguishing Media:WATER FOG, FOAM, CARBON DIOXIDE, DRY CHEMICAL.

Fire Fighting Procedures:YELLOW LIQUID, CORROSIVE TO SKIN AND EYES AND MUCOUS MEMBRANES. WEAR SELF CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:DANGEROUS FIRE HAZARD IF EXPOSED TO OPEN SPARKS OR FLAME.

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

Spill Release Procedures:ABSORB ON FIRE RETARDANT MATERIAL. PICK UP AND DISPOSE OF AT APPROPRIATE WASTE FACILITY IN ACCORDANCE TO LOCAL

STATE, AND FEDERAL REGULATIONS. REPORT SPILL TO APPROPRIATE AUTHIRITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP IN A COOL DRY PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:STORE BETWEEN 32-110F.EMPTY CONTAINERS MAY RETAIN RESIDUAL PRODUCT AND EXPLOSIVE VAPORS. DO NOT CUT, PUNCTURE THIS CONTAINER. DO NOT WELD ON OR NEAR THIS CONTAINER.

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

Respiratory Protection:NONE NEEDED UNDER NORMAL CONDITIONS. WEAR NIOSH APPROVED RESPIRATOR WHERE TLV IS EXCEEDED.

Ventilation:PROVIDE ADEQUATE VENTILATION TO MAINTAIN AIRBORNE EXPOSURE BELOW APPROVED LIMITS.

Protective Gloves:WEAR SOLVENT RESISTANT GLOVES.

Eye Protection:GOGGLES/SAFETY GLASSES/FACE SHIELD

Other Protective Equipment:WEAR PROTECTIVE CLOTHES TO PREVENT SKIN CONTACT.

Work Hygienic Practices:WASH HANDS AFT

ER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSING.
Supplemental Safety and Health

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

HCC:B2
Boiling Pt:=148.9C, 300.F
Melt/Freeze Pt:=-34.4C, -30.F
Vapor Pres:0.29MM HG
Vapor Density:3.4(AIR=1)
Spec Gravity:1.05
VOC Pounds/Gallon:770
pH:12.0
Evaporation Rate & Reference:0.06 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR YELLOW LIQUID. MILD BLAND O
DOR.
Percent Volatiles by Volume:90

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

Stability Indicator/Materials to Avoid:YES
ACIDS, STRONG OXIDIZING OR REDUCING AGENTS.
Stability Condition to Avoid:OPEN SPARKS, FLAMES.
Hazardous Decomposition Products:OXIDES OF CARBON AND NITROGEN.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:THIS PRODUCT IS SUITABLE FOR DISPOSAL BY AN
A
PPROVED FACILITY OR CAN BE DISPOSED OF IN ANY GOVERNMENT APPROVED
WASTE SITE. RCRA INFORMATION: PRODUCT IS HAZARDOUS PER CFR/261D

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