

HERNON MFG -- NUTS N BOLTS 420 -- 8040-01-250-3969

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

Product ID:NUTS N BOLTS 420

MSDS Date:12/13/1995

FSC:8040

NIIN:01-250-3969

MSDS Number: CGVNH

=== Responsible Party ===

Company Name:HERNON MFG

Address:121 TECH DR

City:SANFORD

State:FL

ZIP:32771

Country:US

Info Phone Num:407-322-4000

Emergency Phone Num:800-255-3924

Preparer's Name:JOSEF ARNON

CAGE:NO299

=== Co

ntractor Identification ===

Company Name:HERNON MANUFACTURING

Address:121 TECH DRIVE

Box:City:SANFORD

State:FL

ZIP:32771

Country:US

Phone:407-322-4000/800-255-3924

CAGE:61603

Company Name:HERNON MFG

Address:121 TECH DR

Box:City:SANFORD

State:FL

ZIP:32771

Country:US

Phone:407-322-4000

CAGE:NO299

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

Ingred Name:POLYGLYCOL DIMETHACRYLATE

Fraction by Wt: 55-60%

Ingred Name:POLYGLYCOL OLEATE

CAS:9004-96-0

RTECS #:TQ9100000

Fraction

by Wt: 35-40%

Ingred Name:1,2-BENZISOTHIAZOLIN-3-ONE, 1,1-DIOXIDE; (SACCHARIN) (SARA 313) (CERCLA)

CAS:81-07-2

RTECS #:DE4200000

Fraction by Wt: 3-5%

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred Name:HYDROPEROXIDE, ALPHA, ALPHA-DIMETHYL BENZYL-; (CUMENE HYDROPEROXIDE)

CAS:80-15-9

RTECS #:MX2450000

Fraction by Wt: 1-3%

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:METHANOL; (METHYL ALCOHOL) (SARA 313) (CERCLA). LEL:6%. UEL:36%.

CAS:67-56-1

RTECS #:PC1400000

Fraction by Wt: 1

-3%

OSHA PEL:200 PPM, S

ACGIH TLV:200 PPM;250 STEL, S

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:SILICA, AMORPHOUS, DIATOMACEOUS EARTH; (SILICA, AMORPHOUS TREATED)

CAS:61790-53-2

RTECS #:HL8600000

Fraction by Wt: 1-3%

OSHA PEL:20 MPPCF

ACGIH TLV:10 MG/M3 TDUST

Ingred Name:N,N-DIALKYL TOLUIDINES

Fraction by Wt: 0.1-1%

Ingred Name:TITANIUM OXIDE; (TITANIUM DIOXIDE)

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 0.1-0.5%

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST

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Hazards Identification  
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LD50 LC50 Mixture:LD50:(ORAL,RAT) >5000 MG/KG.

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

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

Health Hazards Acute and Chronic:MILD EYE IRRITANT. MAY CAUSE

DERMATITIS ON PROLONGED CONTACT IN SENSITIVE INDIVIDUALS. TARGET ORGAN & OTHER HEALTH EFFECTS: POLYGLYCOL DIMETHACRYLATE:ALLERGEN, SKIN; POLYGLYCOL OLEATE & TITANIUM DIOXIDE:IRRITANT; SACCHARIN:MUTAGEN

; CUMENE HYDROPEROXIDE:MUTAGEN, SOM; METHYL ALCOHOL:GI, IRRITANT, NERV (EFTS OF OVEREXP)

Explanation of Carcinogenicity:SACCHARIN:IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 334, 1987:GROUP 2B.

Effects of Overexposure:HLTH HAZ:SYSTEM, OCU; SILICA, AMORPHOUS TREATED:LUNG.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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First Aid Measures  
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First Aid:INHAL:REMOVE TO FRESH AIR. SUPPORT BREATHING (GIVE O<sub>2</sub>/ARTF RESP) . INGEST:DO NOT INDUCE

VOMITING. KEEP INDIVIDUAL CALM. OBTAIN

MEDICAL ATTENTION. SKIN:WASH W/SOAP & WATER. EYES:FLUSH FOR AT LEAST 15 MINUTES W/WATER. OBTAIN MEDICAL ATTENTION.

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Fire Fighting Measures  
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Flash Point Method:TCC

Flash Point:>200F,>93C

Lower Limits:SEE ING 5

Upper Limits:SEE ING 5

Extinguishing Media:CARBON DIOXIDE, FOAM, DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .

Unusual Fire/Explosion Hazard:NONE

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Accidental Release Measures  
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Spill Release Procedures:SOAK UP W/INERT ABSORBENT. STORE IN PARTLY FILLED, CLOSED CONTAINER UNTIL DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions:STORE BELOW 110F TO PRESERVE SHELF LIFE. AVOID PROLONGED SKIN CONTACT. KEEP AWAY FROM EYES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:DOES NOT APPLY.

Protective Gloves:RUBBER OR PLASTIC GLOVES.

Eye Protection:ANSI APPROVED CHEM WORKERS GOGGS .

Other Protective Equipment:EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

NONE SPECIFIED BY MANUFACTURER.

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

HCC:T6

Boiling Pt:B.P. Text:>300F,>149C

Vapor Pres: