

CINCINNATI MILACRON MARKETING -- CIMTECH 400 BLUE, 292 971
MATERIAL SAFETY DATA SHEET
NSN: 915000N026223
Manufacturer's CAGE: 12356
Part No. Indicator: B
Part Number/Trade Name: CIMTECH 400 BLUE, 292 971

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General Information
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Company's Name: CINCINNATI MILACRON MARKETING CO
Company's Street: 4701 MARBURG AVE
Company's City: CINCINNATI
Company's State: OH
Company's Country: US
Company's Zip Code: 45209
Company's Emerg Ph #: 513-841-8181
Company's Info Ph #: 513-841-8964
Record No. For Safety Entry: 002
Tot Safety Entries This Stk#: 002
Status: SMJ
Date MSDS Prepared: 01JAN94
Safety Data Review Date: 17OCT96
MSDS Serial Number: CCNFN
Hazard Characteristic Code: C4

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: ETHANOL, 2-AMINO-; (ETHANOLAMINE)
Ingredient Sequence Number: 01
Percent: 10
NIOSH (RTECS) Number: KJ5775000
CAS Number: 141-43-5
OSHA PEL: 3 PPM
ACGIH TLV: 3 PPM/6 STEL

Proprietary: NO
Ingredient: NEODECANOIC ACID
Ingredient Sequence Number: 02
Percent: 10
NIOSH (RTECS) Number: 1009390ND
CAS Number: 26896-20-8
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: 1-PROPANOL, 2-AMINO-2-METHYL-;
(AMINOMETHYLPROPANOL)
Ingredient Sequence Number: 03
Percent: 10
NIOSH (RTECS) Number: UA5950000
CAS Number: 124-68-5
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: HEPTANOIC ACID
Ingredient Sequence Number: 04
Percent: 10

NIOSH (RTECS) Number: MJ1575000
CAS Number: 111-14-8
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: ACETIC ACID, HEPTYL ESTER; (PELARGONIC ACID)
Ingredient Sequence Number: 05
Percent: 10
NIOSH (RTECS) Number: AH9901000
CAS Number: 112-06-1
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: ETHANOL, 2,2',2"-NITRILOTRI-;
(TRIETHANOLAMINE)
Ingredient Sequence Number: 06
Percent: 10
NIOSH (RTECS) Number: KL9275000
CAS Number: 102-71-6
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Proprietary: NO
Ingredient: SUPDAT:IMPROPER USE AND HANDLING OF
CONCENTRATE OR MIX.
Ingredient Sequence Number: 07
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: FIRST AID PROC:AS SOON AS POSS. DILUTED PROD
IS NOT IRRITATING
TO SKIN WHEN USED AS REC & GOOD PERSONAL HYGIENE (ING 9)
Ingredient Sequence Number: 08
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 8:IS PRACTICED. REMOVE SEVERELY CONTAMD
CLTHG, INCLDG
SHOES. LAUNDER BEFORE REUSE. IF IRRIT PERSISTS, GET (ING
10)
Ingredient Sequence Number: 09
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 9:MED ATTN. INGEST:IF CONCENTRATE/MIX IS
SWALLOWED, DO NOT
INDUCE VOMIT. DILUTE BY DRINKING WATER/MILK. (ING 11)
Ingredient Sequence Number: 10
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 10:IMMED CONT PHYS & OBTAIN TREATMENT.
SWALLOWING SM QTYS
OF DILUTED PROD IS NOT EXPECTED TO CAUSE INJURY/ (ING 12)
Ingredient Sequence Number: 11
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 11:ILLNESS; BUT, AS SHOULD BE EXPECTED
WHEN DRINKING OILY,
SOAPY WATER, NAUS, DIARR/ABDOM DISTRESS MAY BE (ING 13)
Ingredient Sequence Number: 12
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 12:EXPERIENCED.
Ingredient Sequence Number: 13
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: WASTE DISP METH:NOT A HAZ WASTE, AS DEFINED
UNDER 40 CFR 261.
MFR TECHNICAL SERVICES (513-841-8133) CAN PROVIDE (ING 15)
Ingredient Sequence Number: 14
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 14:LIST OF WASTE HAULERS FOR YOUR AREA.
"EMPTY" CNTNRS
WILL CNTN RESIDUE WHICH IS NOT CONSIDERED HAZ WASTE (ING
16)
Ingredient Sequence Number: 15
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 15:UNDER RCRA REGS. DRUMS CAN BE DRAINED
TO A "DRIP DRY"
CNDTN BY INVERSION & CAN BE OFFERED FOR RECYCLING/SCRAP.
Ingredient Sequence Number: 16
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: VENT:TOGETHER/VENT IS INADEQ, OPERATORS MAY
EXPERIENCE RESP
IRRIT. FOR SUCH APPLICATIONS, USE OF SPLASH GUARDS (ING
18)
Ingredient Sequence Number: 17
NIOSH (RTECS) Number: 9999999ZZ

OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

Proprietary: NO
Ingredient: ING 17:OR MIST COLLECTORS IS RECOMMENDED.
Ingredient Sequence Number: 18
NIOSH (RTECS) Number: 9999999ZZ
OSHA PEL: NOT APPLICABLE
ACGIH TLV: NOT APPLICABLE

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Physical/Chemical Characteristics

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Appearance And Odor: CLEAR/CHEMICAL.
Boiling Point: 212F,100C
Melting Point: N/A
Vapor Pressure (MM Hg/70 F): LIKE WATER
Vapor Density (Air=1): N/A
Specific Gravity: 1.0582
Evaporation Rate And Ref: LIKE WATER
Solubility In Water: 100% MISCIBLE
pH: SUPDAT

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Fire and Explosion Hazard Data

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Flash Point: N/A
Flash Point Method: COC
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: NOT APPLICABLE. MEDIA SUITABLE FOR
SURROUNDING FIRE
(FP N).
Special Fire Fighting Proc: NONE. USE NIOSH APPROVED SCBA
& FULL
PROTECTIVE EQUIPMENT (FP N).
Unusual Fire And Expl Hazrds: NONE.

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Reactivity Data

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Stability: YES
Cond To Avoid (Stability): NOT APPLICABLE.
Materials To Avoid: AVOID ADDITION OF STRONG ACIDS TO
PRODUCT CONCENTRATE.
Hazardous Decomp Products: COMBUSTION PRODUCTS:SMOKE,
FUMES, OXIDES OF
CARBON.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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Health Hazard Data

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LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE:INHAL:EXTENDED EXPOS
TO MISTS MAY
CAUSE UPPER RESP IRRIT. EYE:MAY CAUSE STINGING SENSATION.
SKIN:NOT
IRRITATING WHEN USED AS DIRECTED & GOOD PERSONAL HYGIENE
IS PRACTICED.

INGEST:SM QTYS MAY CAUSE NAUS/DIARR. WHEN USED IN APPLIC
GENERATING HIGH
LEVS OF MIST, OPERATOR EXPOS CAN BE MINIMIZED BY (EFTS OF
OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT.
Signs/Symptoms Of Overexp: HLTH HAZ:PROPER VENT, USE OF
MIST
COLLECTORS/SPLASH GUARDS, AS APPROP. IF THERE IS DOUBT
ABOUT ACTUAL MIST
LEVS PRESENT, MONITORING SHOULD BE CONDUCTED. MILD SKIN
IRRIT (REDNESS &
DRYNESS OF HANDS) MAY BE EXPERIENCED WHEN DILUTED PROD HAS
BEEN CONTAMD BY
CERTAIN OILS, BY DISSOLVED METALS/WHEN MIX RATIO IS TOO
(SUPDAT)
Med Cond Aggravated By Exp: MAY AGGRAVATE EXISTING SKIN
IRRITATION WHERE
FURTHER DEFATTING OR SKIN PENETRATION COULD OCCUR.
Emergency/First Aid Proc: INHAL:REMOVE TO FRESH AIR.
SUPPORT BRTHG (GIVE
OXYG/ARTF RESP) (FP N). DILUTED MIX CAN OCCUR IN APPLIC
WHERE HIGH MIST
LEVS ARE GENERATED. OSHA HAS SET PEL OF 15 MG/M3 FOR ANY
AIRBORNE
FLUSH IMMED W/RUNNING WATER FOR @ LST 15 MINS, THEN
PROMPTLY GET MED ATTN
TO CHECK FOR POSS IRRIT. SKIN:PROD CONCENTRATE:WASH
W/WATER (ING 8)

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: CONTAIN SPILL, COLLECT ON
ABSORBENT MATERIAL
& DISCARD AS DIRECTED BY FEDERAL, STATE AND LOCAL
REGULATIONS THAT MAY
APPLY. FLUSH AREA THOROUGHLY WITH WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: USED MIX:DISP PROC MUST COMPLY
W/LOCAL, COUNTY,
STATE & FED REGS. IF PRE-TREATMENT IS NEEDED, CHEM
EMULSION BREAKING/
ULTRAFILTRATION MAY BE USED. CONT MFR TECHNICAL SERVICES
(513-841-8133) FOR
ASSISTANCE. UNUSED CONCENTRATE:CONCENTRATE IS (ING 14)
Precautions-Handling/Storing: USE ONLY AS REC BY MFR.
AVOID ALL CONT OF
CONCENTRATE W/EYES & SKIN. DO NOT SWALLOW. IF FROZEN, PROD
SEPARATES.
Other Precautions: THAW COMPLETELY @ ROOM TEMP & STIR
THORO. CNTNS AMINES.
DO NOT ADD SODIUM NITRITES/OTHER NITROSATING AGENTS TO
PROD. SUSPECTED
CANCER-CAUSING NITROSAMINES COULD BE FORMED. HIGHWAY
SPILLS IN RAINY
WEATHER COULD RSLT IN SLIPPERY ROAD CNDTNS.

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Control Measures

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Respiratory Protection: PRODUCT IS NOT VOLATILE. NIOSH
APPROVED RESPIRATOR
APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).
Ventilation: FOR MOST APPLIC, NORM SHOP VENT IS ADEQ.
HOWEVER, WHEN HIGH
MIST LEVS ARE GENERATED/WHERE MACHINES ARE CLOSE (ING 17)
Protective Gloves: IMPERVIOUS GLOVES.
Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).
Other Protective Equipment: EFFECTIVE METALWORKING PLANT
PROTECTIVE
CLOTHING AS APPROPRIATE. ANSI APPRVD EYE WASH & DELUGE
SHOWER (FP N).
Work Hygienic Practices: GOOD PERSONAL HYGIENE SHOULD
ALWAYS BE FOLLOWED.
Suppl. Safety & Health Data: PH (CONCENTRATE):9.5-9.8; (5%
MIX):8.8-9.2.
EFTS OF OVEREXP:STRONG. WHEN PROBLEMS OCCUR, USE OF
WATER-RESIST BARRIER
CREAMS MAY BE TEMPORARY CTL MEASURE. CONT MFR TECHNICAL
SERVICES (513-841-
8133) FOR SPECIFIC REC. SIGNS & SYMP OF EXPOS:EYE INJURY
MAY RSLT FROM CONT
W/CONCENTRATED PROD. SKIN IRRIT CAN RSLT FROM (ING 7)
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Transportation Data
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Disposal Data
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Label Data
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Label Required: YES
Technical Review Date: 17OCT96
Label Date: 17OCT96
Label Status: G
Common Name: CIMTECH 400 BLUE, 292 971
Chronic Hazard: NO
Signal Word: CAUTION!
Acute Health Hazard-Slight: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:INHALATION:EXTENDED
EXPOSURE TO MISTS
MAY CAUSE UPPER RESPIRATORY IRRITATION. EYE:MAY CAUSE
STINGING SENSATION.
SKIN:NOT IRRITATING WHEN USED AS DIRECTED & GOOD PERSONAL
HYGIENE IS
PRACTICED. INGESTION:SMALL QUANTITIES MAY CAUSE NAUSEA OR
DIARRHEA.
CHRONIC:NONE LISTED BY MANUFACTURER.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: CINCINNATI MILACRON MARKETING CO
Label Street: 4701 MARBURG AVE
Label City: CINCINNATI
Label State: OH

Label Zip Code: 45209

Label Country: US

Label Emergency Number: 513-841-8181