

CINCINNATI MILACRON MARKETING CO -- CIMTECH 400 UNDYED 291 -- 9150-00-051-4626  
===== Product Identification =====

Product ID:CIMTECH 400 UNDYED 291

MSDS Date:01/01/1994

FSC:9150

NIIN:00-051-4626

MSDS Number: BYXJP

=== Responsible Party ===

Company Name:CINCINNATI MILACRON MARKETING CO

Address:4701 MARBURG AVE

City:CINCINNATI

State:OH

ZIP:45209

Country:US

Info Phone Num:513-841-8964

Emergency Phon

e Num:513-841-8181

CAGE:86167

=== Contractor Identification ===

Company Name:CINCINNATI MILACRON

Address:4701 MARBURG AVE

Box:City:CINCINNATI

State:OH

ZIP:45209

Country:US

Phone:513-841-8133;800-862-8463

CAGE:86167

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

Ingred Name:ETHANOL, 2-AMINO-; (ETHANOLAMINE)

CAS:141-43-5

RTECS #:KJ5775000

Fraction by Wt: 10%

OSHA PEL:3 PPM

ACGIH TLV:3 PPM; 6 STEL

Ingred Name:NEODECANOIC ACID

Fraction by Wt: 10%

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:1-PROPANOL, 2-AMINO-2-METHYL-; (AMINOMETHYLPROPANOL)  
CAS:124-68-5  
RTECS #:UA5950000  
Fraction by Wt: 10%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:HEPTANOIC ACID  
CAS:111-14-8  
RTECS #:MJ1575000  
Fraction by Wt: 10%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:NONANOIC ACID; (PELARGONIC ACID)  
CAS:112-05-0  
RTECS #:RA6650000  
Fraction by Wt: 10%  
OSHA PEL:N/K  
ACGIH TLV:N/K

Ingred Name:ETHANOL, 2,2',2"-NITRILOTRI-; (TRIETHANOLAMINE)  
CAS:102-71-6  
RTECS #:KL9275000  
Fraction by Wt: 10%  
OSHA PEL:  
L:N/K  
ACGIH TLV:N/K

Ingred Name:SUPP DATA: SOON AS POSS. DILUTED PROD IS NOT IRRIT TO SKIN  
WHEN USED AS RECOM & GOOD PERS HYGIENE IS PRACTICED.(ING 8)  
RTECS #:9999999ZZ

Ingred Name:ING 7: REMOVE SEVERLY CONTAMD CLOTHING, INCLG SHOES.  
LAUNDRER BEFORE REUSE. IF IRRIT PERSISTS, GET MED ATTN.  
RTECS #:9999999ZZ

Ingred Name:WASTE DISP METH: AS DEFINED UNDER 40CFR 261. CIMCOOL  
TECHNICAL SERVICES CAN PROVIDE A LIST OF WASTE HAULERS FOR(ING 10)  
RTECS #:9999999ZZ

Ingred Name:ING 9:YOUR AR

EA. "EMPTY" CNTNRS: WILL CONTAIN A RESIDUE  
WHICH IS NOT CONSIDERED HAZARDOUS WASTE UNDER RCRA REGS.(ING 11)  
RTECS #:9999999ZZ

Ingred Name:ING 10: DRUMS CAN BE DRAINED TO A "DRIP DRY" CNDTN BY  
INVERSION & CAN BE OFFERED FOR RECYCLING OR SCRAP.  
RTECS #:9999999ZZ

Ingred Name:VENT: TOGETHER OR VENT IS INADEQ, OEPRATORS MAY EXPER RESP  
IRRIT. FOR SUCH APPLICS, USE OF SPLASH GUARDS/MIST (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12: COLLECTORS IS RECOMMENDED. WHEN USED IN APPLIC  
GENE  
RATING HIGH LEVLES OF MIST, OP EXPOSURE CAN BE MIN BY(ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13: PROPER VENT. IF THERE IS DOUBT ABOUT ACTUAL MIST  
LEVELS PRESENT, MONITORING SHOULD BE CONDUCTED.  
RTECS #:9999999ZZ

===== 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:INHAL: EXTENDED EXP

OS TO MISTS MAY

CAUSE UPPER RESP IRRIT. EYE: WILL CAUSE STINGING SENSATION IN EYE.

INGEST: SWALLOWING SMALL QTYS MAY CAUSE NAUSEA/DIARRHEA. MILD SKIN  
IRRIT(REDNESS & DRYNESS OF HAND S) MAY BE EXPERIENCED WHEN DILUTED  
PRODHAS BEEN CONTAMD BY CERTAIN OILS, BY DISSOLVED METALS/WHEN  
MIX(EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT RELEVANT.

Effects of Overexposure:HLTH HAZ: RATIO IS TOO STRONG. SYMPS OF

OVEREXP: EYE INJURY MAY RESULT FROM CONTACT W/CONCENTRATED PRODUCT

SKIN IRRITATION CAN RESULT FROM IMPROPER USE & HANDLING OF  
CONCENTRATE OR MIX.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING SKIN

IRRITATION WHERE FURTHER DEFATTING OR SKIN PENETRATION COULD OCCUR.

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

First Aid:EYES: FLUSH IMMED W/RUNNING WATER FOR AT LEAST 15 MINS, THEN  
PROMPTLY GET MED ATTN TO CHECK FOR POSS IRRIT. INGEST: DO NOT  
INDUCE VOMIT. DILUTE BY DRINKING WATER/MILK. IMMED CONT MD & OB

TAIN

TREATMENT . INGEST OF SMALL QTYS OF DILUTED PROD IS NOT EXPECTED TO CAUSE INJURY/ILLNESS; BUT AS SHOULD BE EXPECTED WHEN DRINKING OILY, SOAPY, WATER, NAUSEA, DIARRHEA/ABDOM DISTRESS MAY BE EXPERIENCED. (SUPDAT)

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

Flash Point Method:COC

Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:

HAZARDOUS COMBUSTION PRODUCTS: SMOKE, FUMES & OXIDES OF CARBON.

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

Spill Release Procedures:CONTN SPILL, COLLECT ON ABSORB MATL & DISCARD AS DICTATED BY FEDERAL, STATE & LOCAL REGULATIONS THAT MAY APPLY. FLUSH AREA THOROUGHLY W/WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE ONLY AS RECOM BY MFR. AVOID ALL

CONTACT OF CONC W/EYES/SKIN. DO NOT SWALLOW. IF FROZEN, PROD SEPARATES. THAW COMPLETEY AT ROOM TEMP & STIR THORO.

Other Precautions:CONTNS AMINES. DO NOT ADD SODIUM NITRITES/OTHER NITROSATING AGENTS TO THIS PRODUCT. SUSPECTED CANCER CAUSING NITROSAMINES COULD BE FORMED.

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

Respiratory Protection:PRODUCT IS NOT VOLATILE. USE NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:FOR

MOST APPLICS, NORM SHOP VENT IS ADEQ. HOWEVER, WHEN HIGH MIST LEVELS ARE GENERATED/WHERE MACHINES ARE CLOSE(ING 12)

Protective Gloves:IMPERVIOUS GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGS.

Other Protective Equipment:EMER EYEWASH & DELUGE SHOWER MEETING ANSI DESIGN CRITERIA. EFTIVE METALWORKING PLANT PROT CLTHG AS APPROPRIATE.

Work Hygienic Practices:GOOD PERSONAL HYGIENE SHOULD ALWAYS BE PRACTICED.

Supplemental Safety and Health

PH(CONC): 9.5-9.8. (5% MIX): 8.8-9.2. F

IRST AID PROC: INHAL: INHAL OF

DILUTED MIX CAN OCCUR IN APPLIC WHERE HIGH MIST LEVELS ARE GENERATED. OSHA HAS SET PEL OF 15 MG/M3 FOR ANY AIRBORNE PARTICULATE AS NUISANCE LEVEL OF EXPOS. REMOVE TO FRESH AIR. SUPPORT BRTHG(GIVE O\*2/ARTF RESP). SKIN: WASH W/WATER AS(ING 7)

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

Boiling Pt:B.P. Text:212F,100C  
Vapor Pres:LIKE WATER  
Spec Gravity:1.0582  
pH:SUPDAT  
Evaporation Rate & Reference:LIKE WATER  
Solubility in  
Water:100% MISCIBLE  
Appearance and Odor:CLEAR W/CHEMICAL ODOR.

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

Stability Indicator/Materials to Avoid:YES  
AVOID ADDITION OF STRONG ACIDS TO PRODUCT CONCENTRATE.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:SMOKE, FUMES & OXIDES OF CARBON.

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

Waste Disposal Methods:USED MIX: DISP PROCS MUST COMPLY W/LOC, COUNTY, STATE & FED REGS. IF PRE-TREATMENT IS NEEDED, CHEM EMULSION BREAKING/ULTRAFILTRATION MAY BE USED. CONT CIMCOOL TECHNICAL SERVICES(513-841-8133) FOR ASSI ST. UNUSED CONC: CONC IS NOT HAZ WASTE,(ING 9)

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