

MILACRON MARKETING COMPANY CONSUMABLE PRODUCTS DIVISION -- CIMSTAR 40  
METALWORKING FLUID CONCENTRATE -- 9150-01-308-5127

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

Product ID:CIMSTAR 40 METALWORKING FLUID CONCENTRATE

MSDS Date:11/12/1998

FSC:9150

NIIN:01-308-5127

Status Code:A

MSDS Number: CKNSQ

=== Responsible Party ===

Company Name:MILACRON MARKETING COMPANY CONSUMABLE PRODUCTS DIVISION

Address:3000 DI

SNET STREET

City:CINCINNATI

State:OH

ZIP:45209

Country:US

Info Phone Num:513-841-8133

Emergency Phone Num:513-841-8181

Resp. Party Other MSDS Num.:879

CAGE:TO733

=== 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

Company Name:MILACRON MARKETING COMPANY CONSUMABLE PRODUCTS DIVISION

Address:3000 DISNEY STREET

Box:City:CINCINNATI

State:OH

ZIP:45209

Country:US

Phone:5

13-841-8133  
CAGE:TO733

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Composition/Information on Ingredients  
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Ingred Name:MINERAL OIL (MIST)  
OSHA PEL:5 MG/M3

Ingred Name:ETHANOLAMINE  
CAS:141-43-5  
RTECS #:KJ5775000  
OSHA PEL:6 MG/M3;3 PPM  
ACGIH TLV:7.5 MG/M3;3 PPM  
ACGIH STEL:15 MG/M3;6 PPM

Ingred Name:TRIETHANOLAMINE  
CAS:102-71-6  
RTECS #:KL9275000  
ACGIH TLV:5 MG/M3

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Hazards Identification  
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LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Reports of Carcinogenicity:

NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYE CONTACT: PRODUCT IS A PRIMARY EYE IRRITANT. SKIN CONTACT: PRODUCT MAY BE A PRIMARY SKIN IRRITANT. INGESTION: NOT ORALLY TOXIC. SWALLOWING SMALL QUANTITIES MAY CAUSE NAUSEA AND DIARRHEA. INHALATION : NOT APPLICABLE. EXTENDED EXPOSURE TO MISTS MAY CAUSE UPPER RESPIRATORY IRRITATION.

Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Effects of Overexposure:EYE CONTACT: IRRITATION. SKIN CONTACT

: IRRITATION, REDNESS, DRYNESS. INGESTION: MAY CAUSE NAUSEA AND DIARRHEA. INHALATION: MAY CAUSE UPPER RESPIRATORY IRRITATION.

Medical Cond Aggravated by Exposure:MAY AGGRAVATE EXISTING SKIN IRRITATION WHERE FURTHER DEFATTING OR SKIN PENETRATION COULD OCCUR.

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First Aid Measures  
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First Aid:EYES CONTACT: FLUSH IMMEDIATELY WITH RUNNING WATER FOR 15 MINUTES, THEN PROMPTLY GET MEDICAL ATTENTION TO CHECK FOR POSSIBLE IRRITATION. SKI

N CONTACT: WASH WITH WATER AS SOON AS POSSIBLE.

REMOVE SEVERELY CONTAMINATED CLOTHING, INCLUDING SHOES. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING! DILUTE BY DRINKING WATER OR MILK. IMMEDIATE CONTACT WITH PHYSICIAN & OBTAIN TREATMENT. INHALATION: NOT EXPECTED TO BE A POSSIBLE ROUTE OF EXPOSURE.

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

Fire Fighting Procedures:NONE.  
Unusual Fire/Explosion Hazard:NONE.

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== Accidental Release Measures =====

Spill Release Procedures:CONTAIN THE SPILL, COLLECT ON ABSORBENT MATERIAL AND DISCARD AS DICTATED BY FEDERAL, STATE AND LOCAL REGULATIONS THAT APPLY. FLUSH AREAS THOROUGHLY WITH WATER. REPORTABLE QUANTITY: NONE.  
Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:USE ONLY AS RECOMMENDED BY MILACRON MARKETING COMPANY. AVOID ALL CONTACT WITH CONCENTRATE WITH EYES OR SKIN. DO NOT SWALLOW. IF FROZEN, PRODUCT SEPARATES. THAW COMPLETELY AT ROOM TEMPERATURES AND STIR THOROUGHLY.  
Other Precautions:CONTAINS AMINES. DO NOT ADD SODIUM NITRITE OR OTHER NITROSATING AGENTS TO THIS PRODUCT.SUSPECTED NITROSAMINES COULD BE FORMED. EMPTY CONTAINERS WILL CONTAIN RESIDUE WHICH IS NOT CONSIDERED A HAZARDOUS WASTE UNDER RCRA. DRUMS CAN BE DRAINED TO "DRIP DRY" CONDITION BY INVERSION AND CAN BE OFFERED FOR RECYCLING OR SCRAP.

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

Respiratory Protection:PRODUCT IS NOT VOLATILE.  
Ventilation:FOR MOST APPLICATIONS, NORMAL SHOP VENTILATION IS ADEQUATE. WHEN HIGH MIST ARE GENERATED OR VENTILATION INADEQUATE, USE SPALLSH GUARDS OR MIST COLLECTORS.  
Protective Gloves:IMPERVIOUS GLOVES ARE REQUIRED WHEN HANDLING PRODUCT CONCENTRATE.  
Eye Protection:SAFETY SHIELD OR GOGGLES REQUIRED WHEN HANDLING CONCENTRATE.  
Other Protective

Equipment: EFFECTIVE METALWORKING PLANT PROTECTIVE CLOTHING AS APPROPRIATE.

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

Supplemental Safety and Health

NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC: B3

Boiling Pt: =98.9C, 210.F

Volatile Org Content %: 18

Spec Gravity: 1.058

pH: 10.2

Evaporation Rate & Reference: LIKE WATER WHEN DILUTED

Solubility in Water: COMPLETE (100%)

Appearance and Odor: CLEAR

, YELLOW LIQUID.

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

Stability Indicator/Materials to Avoid: YES

AVOID CONTACT WITH STRONG ACIDS OR OXIDIZERS TO PRODUCT CONCENTRATE.

Stability Condition to Avoid: NOT APPLICABLE.

Hazardous Decomposition Products: SMOKE, FUMES AND OXIDES OF CARBON.

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Toxicological Information =====

Toxicological Information: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== Ecological Information =====

Ecological: NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods: UNUSED CONCENTRATE: CONCENTRATE IS NOT A HAZARDOUS WASTE, AS DEFINED UNDER 40 CFR 261. USED CONCENTRATE: DISPOSAL PROCEDURES MUST COMPLY WITH LOCAL, COUNTY, STATE AND FEDERAL REGULATIONS. IF PRE-TREATMENT IS NEEDED, ULTRAFILTRATION OR EMULSION BREAKING MAY BE USED. CONTACT

T CIMCOOL TECHNICAL  
SERVICES AT 1-513-841-8133 FOR ASSISTANCE.

===== MSDS Transport Information =====

Transport Information:NOT A HAZARDOUS MATERIAL.

===== Regulatory Information =====

SARA Title III Information:EPCRA (SARA) TITLE III EXTREMELY HAZARDOUS  
SUBSTANCES (302): NOT APPLICABLE. TOXIC SUBSTANCES (313): NOT  
APPLICABLE. HAZARDOUS SUBSTANCES 311/312) HAZARD CATAGORIES: ACUTE  
HEALTH: YES; CHRONIC HEALTH: N  
O; FIRE: NO; SUDDEN RELEASE OF  
PRESSURE: NO; REACTIVE: NO.

Federal Regulatory Information:TSCA: THE INGREDIENTS OF THIS PRODUCT  
ARE ON THE TSCA INVENTORY. RCRA: PRODUCT CONCENTRATE DOES NOT MEET  
THE CRITERIA OF A HAZARDOUS WASTE AS DEFINED BY 40 CFR 261. IT IS  
POSSIBLE THAT IN USE, THE MIX MAY BE CONTAMINATED BY METALS OR  
CHLORINATED SOLVENTS AND THE FINAL WASTE MAY MEET THE TCLP  
DEFINITION. EACH FACILITY SHOULD ASSESS EACH WASTE STREAM TO  
DETERMINE IF THE USED FLUID  
SHOULD BE TREATED AS A HAZARDOUS  
WASTE.

State Regulatory Information:MANY STATES HAVE ENACTED COMMUNITY  
RIGHT-TO-KNOW LAWS WHICH REQUIRE INFORMATION BEYOND THAT MANDATED  
BY FEDERAL LAWS. SINCE SOME OF THESE LAWS ARE INCONSISTENT WITH THE  
FEDERAL LAWS, THE INFORMATION I N THIS SHEET MAY NOT FULLY MEET THE  
REQUIREMENTS OF EVERY STATE.

===== Other Information =====

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