

3M COMPANY -- 3M BRAND FOOD SERVICE DEGREASER CONCENTRATE

=====  
MSDS Safety Information  
=====

FSC: 7930  
NIIN: 01-381-5871  
MSDS Date: 08/14/1996  
MSDS Num: CDHJY  
Product ID: 3M BRAND FOOD SERVICE DEGREASER CONCENTRATE  
MFN: 01  
Responsible Party  
Cage: 76381  
Name: 3M COMPANY  
Address: 3M CTR  
City: ST. PAUL MN 55144-1  
000  
Info Phone Number: 612-733-1110  
Emergency Phone Number: 612-733-1110  
Published: Y

=====  
Contractor Summary  
=====

Cage: 76381  
Name: MINNESOTA MINING AND MFG CO, DBA 3M  
Address: 3M CENTER BLDG 224-5S-04  
City: SAINT PAUL MN 55144-1000  
Phone: 866-556 5712 / 612-733-1110

=====  
Item Description Information  
=====

=====  
Item Manager: GSA  
Item Name: CLEANING COMPOUND,SOLVENT-DETERGENT  
Unit of Issue: BX  
Quantitative Expression: 00000000006EA  
UI Container Qty: 1

=====  
Ingredients  
=====

Cas: 141-43-5  
RTECS #: KJ5775000  
Name: ETHANOLAMINE  
% Wt: 30-60  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 3 PPM/STEL 6  
ACGIH TLV: 3 PPM/STEL 6

-----  
Cas: 107-98-2  
RTECS #: UB7700000  
Name: PR

OPYLENE GLYCOL MONOMETHYL ETHER

% Wt: 10-30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: 100 PPM/STEL 150

ACGIH TLV: 100 PPM/STEL 150

-----  
Cas: 2687-94-7

Name: 1-OCTYL-2-PYRROLIDINONE

% Wt: 10-30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

-----  
Cas: 27176-87-0

RTECS #: DB6600000

Name: DODECYLBENZENESULFONIC ACID (CERCLA)

% Wt: 10-30

Other REC Limits: NONE RECOMMENDED

OSHA PEL: NOT ESTABLISHED

ACGIH TLV

: NOT ESTABLISHED

EPA Rpt Qty: 1000 LBS

DOT Rpt Qty: 1000 LBS

-----  
Cas: 64741-65-7

Name: MINERAL SPIRITS

% Wt: 1-5

Other REC Limits: MFR 300PPM/STEL 400

OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED

=====  
Health Hazards Data

=====  
Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: EY

E: BURNS (CLOUDY

CORNEA/PAIN/TEARING/ULCERS/IMPAIRED/LOSS VISION). SKIN: BURNS (RED/SWELLING/ITCHING/PAIN/BLISTERING/ULCER/SLOUGHING/SCARRING). ABSORPTION. INHAL:CNS DEPRESSION:HEADACHE/DIZZY/DROWSY/ INCOORDINATION/SLUR SPEECH/GIDDY/UNCONSCIOUS. UPPER RESP IRRIT:SORE NOSE/THROAT/COUGH/SNEEZE. LOWER RESP:COUGH/CONGEST\*

Signs And Symptions Of Overexposure: THROAT IRRIT/WHEEZING/DIFF BREATHING. KIDNEY:LESS URINE/BLOODY URINE/BACK PAIN. LIVER:JAUNDICE/UPPER ABDOM TENDER. NS:EMOTIONAL/IN

COORDINATED/TREMMOR/SENSORY LOSS. PULMINARY EMEMA:COUGH/CONGESTED/DIFF BREATHING/RESP FAIL/DEATH. INGEST:GI DAMAGE/PAIN/VOMIT/NAUSEA/TENDER/MOUTH BURN/DIFF SWALLOW/BLOODY VOMIT/FECES/ULCER.E

First Aid: EYE: IMMED FLUSH W/LG AMTS WATER >15 MIN. GET MED AID. SKIN: IMMED FLUSH W/LG AMTS WATER >15 MIN IN CHEM SAFETY SHOWER. REMOVE CONTAM CLOTHES/SHOES/WASH BEFORE REUSE. GET IMMED MED AID. INHAL: GET FRE SH AIR. CALL DR. INGEST: DON'T INDUCE VOMITING. GIVE 2 GLASSES WATER. CALL DR IMMED.

NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON.

=====  
Handling and Disposal

=====  
Spill Release Procedures: VENTILATE. CONTAIN SPILL. COVER W/ABSORBENT. COLLECT SPILL. CLEAN UP RESIDUE W/WATER.

Waste Disposal Methods: <5 GL: MAY BE DISCHARGED TO WASTE WATER TREATMENT SYSTEM.

Handling And Storage Precautions: STORE IN COOL PLACE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM CHILDREN, AWAY FROM HEAT. VENTILATE (COMBUSTIBLE LIQUID/VAPOR).

=====  
Fire and Explosion Hazard Information

=====  
Flash Point Method: TCC

Flash Point Text: ABOUT 119F

Lower Limits: NOT EST.

Upper Limits: NOT EST.

Extinguishing Media: WATER, CO2, FOAM, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: FULL PROT CLOTHING (HELMET, POSSITIVE PRESSURE SCBA, BUNKER COAT/PANTS, BANDS ON ARM/WAIST

/LEG, FACE MASK. ENTIRE HEAD SHOULD BE PROTECTED).

Unusual Fire/Explosion Hazard: CLOSED CONTAINERS EXPOSED TO HEAT FROM FIRE MAY BUILD PRESSURE & EXPLODE.

=====  
Control Measures  
=====

Respiratory Protection: AVOID BREATHING VAPOR, MIST OR SPRAY, AIRBORNE MATERIAL. USE NIOSH FULL FACE ORGANIC RESPIRATOR OR FULL FACE PRESSURE DEMAND SCBA.

Ventilation: LOCAL EXHAUST VENTILATION. MAINTAIN EMISSIONS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves: BUTYLE RUBBER/NEOPRENE/NITRILE RUBBER

Eye Protection: UNVENTED GOGGLES W/FULL FACE SHIELD

Other Protective Equipment: APRON, COVERALLS.

Work Hygienic Practices: DON'T EAT, DRINK, SMOKE WHEN USING. WASH THOROUGHLY W/SOAP & WATER.

Supplemental Safety and Health: \*PH = 11.5-12.0 NOTE: MORE INFORMATION FOR THIS MSDS ON FILE.

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

B.P. Text: 248F, 120C

M.P/F.P Text: NA

Vapor Pres: NOT EST.

Vapor Density: NOT EST.

Spec Gravity: 0.98

PH: \*

VOC Grams/Liter: 850

Viscosity: <100 CPS

Evaporation Rate & Reference: NOT EST.

Solubility in Water: COMPLETE

Appearance and Odor: LIQUID, AMBER COLOR, AMMONIA ODOR

Percent Volatiles by Volume: 85.0

=====  
Reactivity Data  
=====

Stability Indica

tor: YES

Hazardous Decomposition Products: CO/CO2/OXIDES NITROGEN/SULFUR/AMINE  
COMPOUNDS/TOXIC VAPOR/GAS/PARTICULATES. IRRITANT VAPORS/GASES.

Hazardous Polymerization Indicator: NO

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

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

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

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

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

Other Information: VOC = 850 G/L  
=====

=====  
Transportation Information  
=====

=====  
Responsible Party Cage: 76381

Trans ID NO: 131992

Product ID: 3M BRAND FOOD SERVICE DEGREASER CONCENTRATE

MSDS Prepared Date: 08/14/1996

Review Date: 03/06/1997

MFN: 1

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BX

Container QTY: 1  
=====

=====  
Detail DOT Information  
=====

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATI

ON

=====  
Detail IMO Information  
=====

IMO PSN Code: ZZZ  
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION  
=====

=====  
Detail IATA Information  
=====

IATA PSN Code: ZZZ  
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
Detail AFI Information  
=====

AFI PSN Code: ZZZ  
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION  
=====

=====  
HAZCOM Label  
=====

Product ID: 3M BRAND FOOD SERVICE DEGREASER CONCENTRATE  
Cage: 76381  
Company Name: MINNESOTA MINING AND MFG CO, DBA 3M  
Street: 3M CENTER BLDG 224-5S-04  
City: SAINT PAUL MN  
Zipcode: 55144-1000  
Health Emergency Phone: 612-733-1110  
Label Required IND: Y  
Date Of Label Review: 10/12/1999  
Status Code: A  
Origination Code: G  
Hazard And Precautions: EYE: BURNS (CLOUDY  
CORNEA/PAIN/TEARING/ULCERS/IMPAIRED/LOSS VISION). SKIN: BURNS  
(RED/SWELLING/ITCHING/PAIN/BLISTERING/ULCER/SLOUGHING/SCARRING). ABSORPTION.  
INHAL: CNS DEPRESSION: HEADACHE/DIZZY/DROWSY/ INCOORDINATION/SLUR  
SPEECH/GIDDY/UNCONSCIOUS. UPPER RESP IRRIT: SORE NOSE/THROAT/COUGH/SNEEZE.  
LOWER RESP: COUGH/CONGEST\*  
=====

=====  
Disclaimer (provided with this information by the compiling agencies): This  
information is formulated for use by elements of the Department of Defense.  
The United States of America in no manner whatsoever expressly or implied  
warrants, states, or intends said information to have any application, use or  
viability by or to any person or persons outside the Department of Defense  
nor any person or persons contracting with any instrumentality of the Uni

ted

States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.