

DREW CHEMICAL CORP -- HDE 777 HEAVY DUTY EMULSIFIER -- 6850-01-035-0315

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Product Identification  
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Product ID:HDE 777 HEAVY DUTY EMULSIFIER

MSDS Date:09/15/1986

FSC:6850

NIIN:01-035-0315

MSDS Number: BGGHQ

=== Responsible Party ===

Company Name:DREW CHEMICAL CORP

Address:ONE DREW PLZ

City:BOONTON

State:NJ

ZIP:07005

Country:US

Info Phone Num:201-263-7600

Emergency Phone Num:800-274-5263

CA

GE:52454

=== Contractor Identification ===

Company Name:DREW CHEMICAL CORP,DIV OF ASHLAND CHEMICAL CO

Address:ONE DREW CHEMICAL PLAZA

Box:City:BOONTON

State:NJ

ZIP:07005

Country:US

Phone:606-324-1133

CAGE:52454

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Composition/Information on Ingredients  
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Ingred Name:NONYLPHENOL POLYETHOXATE

CAS:9016-45-9

RTECS #:MD0900000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:DINONYLPHENOL POLYETHOXYLATE

CAS:9014-93-1

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:NO. 2 FUEL OIL; (ALIPH

ATIC PETROLEUM DISTILLATES)

CAS:68476-30-2

RTECS #:LS8930000

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:POLYOXYETHYLENE NONYL PHENYL PHOSPHATE; (NONYLPHENOL  
POLYETHOXATE PHOSPHATE ESTR)

CAS:51811-79-1

OSHA PEL:N/K

ACGIH TLV:N/K

Ingred Name:ETHANOL, 2,2',2"-NITRILOTRI-; (TRIETHANOLAMINE)

CAS:102-71-6

RTECS #:KL9275000

ACGIH TLV:5 MG/M3

Ingred Name:DIETHANOLAMINE (SARA 313) (CERCLA)

CAS:111-42-2

RTECS #:KL2975000

OSHA PEL:3 PPM

ACGIH TLV:0.46 PPM

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Na

me:SUPDAT:ANIMALS, WEAK TO MOD POS RSLTS WERE FOUND IN MOUSE  
SKIN CANCER STUDIES, MIXED & INCONSISTENT RSLTS WERE (ING 8)

RTECS #:9999999ZZ

Ingred Name:ING 7:FOUND IN MUTAGENICITY STUDIES, AND NEG RSLTS WERE  
FOUND IN RAT TERATOLOGY STUDIES.

RTECS #:9999999ZZ

Ingred Name:FIRST AID PROC:IF BRTHG IS DFCLT, ADMIN OXYG. IF BRTHG HAS  
STOPPED GIVE ARTF RESP. KEEP PERSON WARM, QUIET & (ING 10)

RTECS #:9999999ZZ

Ingred Name:INF 9:GET MEDICAL ATTENTION.

RTECS #:9999999ZZ

Ingred Name:SPILL

PROC:UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL @  
SOURCE. PVNT FROM ENTERING DRAINS, SEWERS, STREAMS/ (ING 12)  
RTECS #:9999999ZZ

Ingred Name:ING 11:OTHER BODIES OF WATER. PVNT FROM SPREADING. IF  
RUNOFF OCCURS, NOTIFY AUTH AS REQD. PUMP/VACUUM TRANSFER (ING 13)  
RTECS #:9999999ZZ

Ingred Name:ING 12:SPILLED PROD TO CLEAN CNTNRS FOR RECOVERY. ABSORB  
UNRECOVERABLE PROD. TRANSFER CONTAMD ABSORB, SOIL & (ING 14)  
RTECS #:9999999ZZ

Ingred Name:ING 13:OTHER MATLS TO CNTNRS FOR DISP. PVNT  
RUN-OFF TO  
SEWERS, STREAMS/OTHER BODIES OF WATER. IF RUN-OFF OCCURS,(ING 15)  
RTECS #:9999999ZZ

Ingred Name:ING 14:NOTIFY PROPER AUTH AS REQUIRED, THAT A SPILL HAS  
OCCURED.  
RTECS #:9999999ZZ

Ingred Name:RESP PROT:CNDTNS (SEE YOUR SFTY EQUIP SUPPLIER).  
ENGINEERING/ADMINISTRATIVE CTLS SHOULD BE IMPLEMENTED TO REDUCE  
EXPOS.  
RTECS #:9999999ZZ

===== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inh

Alation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:ACUTE:EYES:CAN CAUSE SEVERE

IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN:PROLONGED OR  
REPEATED CONTACT CAN CAUSE MODERATE IRRITATION, DEFATTING,  
DERMATITIS. INHALATION:EXCESSIVE INHALATION OF VA PORS CAN CAUSE  
NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS  
INCLUDING DIZZINESS, (EFTS OF OVEREXP)

Explanation of Carcinogenicity:NOT REL  
EVANT.

Effects of Overexposure:HLTH HAZ:WEAKNESS, FATIGUE, NAUSEA, HEADACHE  
AND POSSIBLE UNCONSCIOUSNESS, AND EVEN DEATH. INGESTION:CAN CAUSE  
GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.  
ASPIRATION OF MATERIAL INTO LUNGS CAN CAUSE CHEMICAL PNEUMONITIS  
WHICH CAN BE FATAL. CHRONIC:WHEN PRODS OF SIMILAR COMPOSITION WERE  
TESTED (SUPDAT)

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

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First Aid:SKIN:THORO WASH EXPOS AREA W/SOAP & WATER. REMOVE CONTAMD CLTHG. LAUNDER CONTAMD CLTHG BEFORE RE-USE. EYES:FLUSH W/LG AMTS OF WATER, LIFTING UPPER & LOWER LIDS OCCASNLY FOR @ LEAST 15 MINS, GET MED AT TN. INGEST:DO NOT INDUCE VOMIT, KEEP PERSON WARM, QUIET, & GET MED ATTN. ASPIR OF MATL INTO LUNGS DUE TO VOMIT CAN CAUSE CHEM PNEUM WHICH CAN BE FATAL. INHAL:REMOVE INDIVIDUAL TO FRESH AIR. (ING 9)

===== Fire Fighting Measures =====  
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Flash Point Method:PMCC  
Flash Point:150F,66C  
Extinguishing Media:REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.  
Fire Fighting Procedures:NIOSH/MSHA APPRVD SCBA W/FULL FACEPIECE OPERATED IN POS PRESS DEMAND MODE. WATER/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSSIBLY ENDANGER LIFE (SUPDAT)  
Unusual Fire/Explosion Hazard:NEVER USE WELDING/CUTTING TORCH ON /NEAR DRUM (EVEN EMPTY) BECAUSE PROD (EVEN JUST RESIDUE) CAN IGNITE EXPLO. VAPS ARE HVR/AIR & MAY TRAVEL A LONG GROUND(SUPDAT)

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

Spill Release Procedures:SM SPILL:ABSORB LIQ ON VERMICULITE, FLOOR ABSORB, OR OTHER ABSORB MATL & TRANSFER TO HOOD. LG SPILL:ELIM ALL IGNIT SOURCES (FLARES, FLAMES INCLDG PILOT LIGHTS, ELEC SPARKS). PERSONS NOT WEARING PROT E QUIP SHOULD BE EXCLUDED FROM AREA OF SPILL(ING 11)  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

===== Handling and Storage =====  
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Handling and Storage Precautions:CNTNRS OF THIS MATL MAY BE HAZ WHEN EMPTIED. SINCE EMPTIED CNTNRS RETAIN PROD RESIDUES (VAP, LIQ, AND/OR SOLID).  
Other Precautions:ALL HAZARD PRECAUTIONS GIVE IN THIS DATA SHEET MUST BE OBSERVED.

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

Respiratory Protection:IF WORKPLACE EXPOS LIM(S) OF PROD/ANY COMPONENT IS EXCEEDED, NIOSH/MSHA APPRVD AIR SUPPLIED RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON CONTROL. OSHA REG

S ALSO PERMIT OTHER

NIOSH/MSHA APPRVD RESPS (NEG PRESS TYPE) UNDER SPECIFIED (ING 16)

Ventilation:PROVIDE SUFFICIENT MECH (GENERAL AND/OR LOC EXHAUST) VENT TO MAINTAIN EXPOS BELOW TLV(S).

Protective Gloves:NEOPRENE, NITRILE RUBB RESIST GLOVES.

Eye Protection:ANSI APPRVD CHEM WORKERS GOGGLES .

Other Protective Equipment:IMPERVIOUS CLOTHING & BOOTS. ANSI APPRVD EMERGENCY EYE WASH & DELUGE SHOWER .

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

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PEC GRAV:0.860-0.890 @ 77F. FIRE FIGHT PROC:OF FIREFIGHTER, ESPECIALLY IF SPRAYED INTO CNTNRS OF HOT, BURNING LIQ. EXPLO HAZ:OR BE MOVED BY VENT & IGNITED BY HEAT, PILOT LIGHTS, OTHER FLAMES & IGNIT SOURCES @ LOCATIONS DISTANT FROM MATL HNDLG POINT. CNDTNS TO AVOID:FLAM HYDROGEN GAS. EFTS OF OVEREXP:ON LAB (ING 7)

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

Boiling Pt:B.P. Text:>320F,>160C

Vapor Pres: