

DREW CHEMICAL -- AMEROID OWS QUICK SEPARATING DEGREASER  
MATERIAL SAFETY DATA SHEET  
NSN: 494000N009432  
Manufacturer's CAGE: 52454  
Part No. Indicator: B  
Part Number/Trade Name: AMEROID OWS QUICK SEPARATING DEGREASER

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General Information

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Company's Name: DREW CHEMICAL CORP  
Company's Street: ONE DREW PLAZA  
Company's City: BOONTON  
Company's State: NJ  
Company's Country: US  
Company's Zip Code: 07005  
Company's Emerg Ph #: 606-324-1133; 800-274-5263  
Company's Info Ph #: 201-263-7600  
Record No. For Safety Entry: 002  
Tot Safety Entries This Stk#: 002  
Status: SMJ  
Date MSDS Prepared: 28JUL92  
Safety Data Review Date: 31JAN96  
MSDS Serial Number: BZZPH

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Ingredients/Identity Information

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Proprietary: NO  
Ingredient: SOLVENT NAPHTHA; (AROMATIC PETROLEUM DISTILLATES) (MAY CONTAIN  
INGREDIENT TWO)  
Ingredient Sequence Number: 01  
Percent: 18  
NIOSH (RTECS) Number: WF3100000  
CAS Number: 64742-94-5  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: NAPHTHALENE (SARA 313) (CERCLA)  
Ingredient Sequence Number: 02  
Percent: 1.8  
NIOSH (RTECS) Number: QJ0525000  
CAS Number: 91-20-3  
OSHA PEL: 10 PPM  
ACGIH TLV: 10 PPM/15 STEL

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Proprietary: NO  
Ingredient: FUEL OIL, NO. 2; (ALIPHATIC PETROLEUM DISTILLATES)  
Ingredient Sequence Number: 03  
NIOSH (RTECS) Number: LS8930000  
CAS Number: 68476-30-2  
OSHA PEL: N/K (FP N)  
ACGIH TLV: N/K (FP N)

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Proprietary: NO  
Ingredient: EFTS OF OVEREXP: FOLLOWING WARNING APPLIES IF FUEL IS BURNED IN

**DIESEL ENGINES: IARC CLASSIFIES WHILE DIESEL EXHAUST(ING 5)****Ingredient Sequence Number: 04****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: ING 4: AS PROBABLY CARCIN (GROUP 2A) & NIOSH REGARDS DIESEL EXHAUST AS "POTNTL OCCUP CARCIN". WHILE EXCESS CANCER (ING 6)****Ingredient Sequence Number: 05****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: ING 5: RISK FOR WORKERS EXPOSED TO DIESEL EXHAUST IS CURRENTLY UNKNOWN, EXPOS SHOULD BE MINIMIZED TO REDUCE POTNTL RISK.****Ingredient Sequence Number: 06****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: FIRST AID PROC: RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.****Ingredient Sequence Number: 07****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: SPILL PROC: PERSONS NOT WEARING PROT EQUIP SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN (ING 9)****Ingredient Sequence Number: 08****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: ING 8: COMPLETED. CNTN SPILL TO SMALLEST AREA POSS. DIKE AREA TO PVNT SPREADING. PVNT FROM ENTERING DRAINS, (ING 10)****Ingredient Sequence Number: 09****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO****Ingredient: ING 9: SEWERS, STREAMS/OTHER BODIES OF WATER. RECOVER AS MUCH OF PROD AS POSS BY METHS SUCH AS "VACUUMING" & USE (ING 11)****Ingredient Sequence Number: 10****NIOSH (RTECS) Number: 9999999ZZ****OSHA PEL: NOT APPLICABLE****ACGIH TLV: NOT APPLICABLE**  
-----**Proprietary: NO**

**Ingredient:** ING 10: ABSORBENT. TRANSFER CONTAMINATED ABSORBENT, SOIL AND OTHER MATERIALS IN PROPER CONTAINERS FOR ULTIMATE DISP.

**Ingredient Sequence Number:** 11

**NIOSH (RTECS) Number:** 9999999ZZ

**OSHA PEL:** NOT APPLICABLE

**ACGIH TLV:** NOT APPLICABLE

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**Proprietary:** NO

**Ingredient:** OTHER PRECS: PRACTICES. DO NOT TRANSFER TO UNBLD CNTNR. DO NOT USE CUTTING/WELDING TORCH ON CNTNR (EVEN EMPTY). (ING 13)

**Ingredient Sequence Number:** 12

**NIOSH (RTECS) Number:** 9999999ZZ

**OSHA PEL:** NOT APPLICABLE

**ACGIH TLV:** NOT APPLICABLE

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**Proprietary:** NO

**Ingredient:** ING 12: FOR INDUST USE ONLY. BEFORE USE, REVIEW MSDS FOR MORE DETAILED INFO, INCLUDING CHRONIC HLTH EFTS. (ING 14)

**Ingredient Sequence Number:** 13

**NIOSH (RTECS) Number:** 9999999ZZ

**OSHA PEL:** NOT APPLICABLE

**ACGIH TLV:** NOT APPLICABLE

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**Proprietary:** NO

**Ingredient:** ING 13: 24-HOUR EMERGENCY NUMBER 1-800-ASHLAND.

**Ingredient Sequence Number:** 14

**NIOSH (RTECS) Number:** 9999999ZZ

**OSHA PEL:** NOT APPLICABLE

**ACGIH TLV:** NOT APPLICABLE

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**Proprietary:** NO

**Ingredient:** RESP PROT: SPECIFIED CONDITIONS (SEE YOUR SFTY EQUIP SUPP). ENGINEERING/ADMIN CTLS SHOULD BE IMPLEMENTED TO REDUCE EXPOS.

**Ingredient Sequence Number:** 15

**NIOSH (RTECS) Number:** 9999999ZZ

**OSHA PEL:** NOT APPLICABLE

**ACGIH TLV:** NOT APPLICABLE

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**Proprietary:** NO

**Ingredient:** PROT GLOVES: NEOPRENE, NITRILE RUBBER.

**Ingredient Sequence Number:** 16

**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, AMBER LIQUID.

**Boiling Point:** >320F, >160C

**Vapor Pressure (MM Hg/70 F):** <1.00 @77F

**Vapor Density (Air=1):** HVR/AIR

**Specific Gravity:** 0.870-0.890@77F

**Evaporation Rate And Ref:** SLOWER THAN ETHER

**Percent Volatiles By Volume:** 98.00

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### Fire and Explosion Hazard Data

Flash Point: >153F, >67C  
Flash Point Method: PMCC  
Lower Explosive Limit: 0.6%  
Upper Explosive Limit: 7.0%  
Extinguishing Media: REGULAR FOAM OR CARBON DIOXIDE OR DRY CHEMICAL.  
Special Fire Fighting Proc: WEAR NIOSH/MSHA APPRVD SCBA & FULL PROT EQUIP (FP N). WATER/FOAM MAY CAUSE FROTHING WHICH CAN BE VIOLENT & POSS ENDANGER LIFE OF FIREFIGHTER, ESP IF (SUPP DATA)  
Unusual Fire And Expl Hazrds: VAPS ARE HVR/AIR & MAY TRAVEL ALONG GROUND/ BE MOVED BY VENT & IGNIT BY HEAT, PILOT LIGHTS, OTHER FLAMES & IGNIT SOURCES @ LOCATIONS DIST FROM MATL HNDLG(SUPDAT)

### Reactivity Data

Stability: YES  
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.  
Materials To Avoid: AVOID CONTACT WITH: STRONG OXIDIZING AGENTS.  
Hazardous Decomp Products: MAY FORM TOXIC MATERIALS: CARBON DIOXIDE AND CARBON MONOXIDE, VARIOUS HYDROCARBONS, ETC.  
Hazardous Poly Occur: NO  
Conditions To Avoid (Poly): NOT RELEVANT

### Health Hazard Data

LD50- LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.  
Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: YES  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: ACUTE: EYES: MAY CAUSE SEV IRRIT, REDNESS, TEARING, BLURRED VISION. SKIN: PRLNGD/RPTD CONT CAN CAUSE MOD IRRIT, DEFAT, DERM INHAL: EXCESSIVE INHAL OF VAPS MAY CAUSE NASAL & RESP IRRIT, CNS EFTS MAY CAUSE GI IRRIT, NAUS, VOMIT & (EFTS OF OVEREXP)  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NOT RELEVANT  
Signs/Symptoms Of Overexp: HLTH HAZS: DIARR. MAY CAUSE IRRIT OF MOUTH, ESOPHAGUS & GI SYS & MAY BE FATAL. ASPIR OF MATL INTO LUNGS MAY CAUSE CHEM PNEUM WHICH MAY BE FATAL. CHRONIC: PROD CNTNS FUEL OIL #2. MATLS SIMILAR TO FUEL OIL #2 HAVE BEEN SHOWN TO PRDCE SKIN CANCER IN LAB ANIMALS FOLLOWING RPTD SKIN EXPOS W/OUT WASHING/REMOVAL. (ING 4)  
Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.  
Emergency/First Aid Proc: SKIN: THORO WASH EXPOSED AREA W/SOAP & WATER. REMOVE CONTAM CLTHG & LAUNDER BEFORE RE-USE. EYES: FLUSH W/LG AMTS OF WATER FOR @ LST 15 MIN, LIFTING LIDS OCCAS, GET MED ATTN. INGEST: DO NOT INDUCE VOMIT. CALL MD/POIS CTL CTR IMMED. ASPIR HAZ IF SWALLOWED. NEVER GIVE ANYTHING BY MOUTH TO AN UNCON PERSON. INHAL: REMOVE TO FRESH AIR. IF BRTHG IS DFCLT, ADMIN OXYG. IF BRTHG HAS STOPPED GIVE ARTF (ING 7)

### Precautions for Safe Handling and Use

Steps If Matl Released/Spill: SM SPILL: ELIM ALL SOURCES OF IGNIT SUCH AS FLARES, FLAMES (INCLUDING PILOT LIGHTS), & ELEC SPKS. ABSORB LIQ ON

VERMICULITE, FLOOR ABSORB/OTHER ABSORB MATL. LG SPILL: ELIM ALL IGNIT SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS, ELEC SPKS). (ING 8)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: SMALL AND LARGE SPILL: DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Precautions-Handling/Storing: CNTNRS OF MATL MAY BE HAZ WHEN EMPTIED.

SINCE EMPTIED CNTNRS RETAIN PROD RESIDUES (VAP, LIQ &/OR SOLID), ALL HAZ PRECS GIVEN MUST BE OBSERVED.

Other Precautions: WARNING! COMBUST LIQ & VAP. KEEP AWAY FROM HEAT & OPEN FLAME. USE/STORE ONLY W/ADEQ VENT. MAINTAIN AMBIENT AIR CONC(S) OF VOLAT COMPONENT(S) BELOW PELS. AVOID CONT W/EYES & PRLNGD/RPTD CONT W/SKIN. MIN EXPOS THROUGH GOOD HYGIENIC (ING 12)

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#### Control Measures

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Respiratory Protection: IF WORKPLACE EXPOS LIM(S) OF PROD/ANY COMPONENT IS EXCEEDED (SEE INGS), NIOSH/MSHA APPRVD AIR SUPPLIED RESP IS ADVISED IN ABSENCE OF PROPER ENVIRON CTL. OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA APPRVD RESPS (NEG PRESS TYPE) UNDER (ING 15)

Ventilation: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: WEAR RESISTANT GLOVES SUCH AS: (ING 16)

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: ANSI APPRVD EMER EYEWASH & DELUGE SHOWER (FP N). TO PREVENT RPTD/PRLNGD SKIN CONT, WEAR IMPERVIOUS CLTHG & BOOTS.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Suppl. Safety & Health Data: FIRE FIGHT PROC: SPRAYED INTO CNTNRS OF HOT, BURNING LIQ. EXPL HAZS: POINT. NEVER USE WELDING/CUTTING TORCH ON/NEAR DRUM (EVEN EMPTY) BECAUSE PROD (EVEN JUST RESIDUE) CAN IGNITE EXPLOSIVELY. ALL 5 GAL PAILS & LARGER METAL CNTNRS INCLUDING TANK CARS & TANK TRUCKS SHOULD BE GROUNDED &/OR BONDED WHEN MATL IS TRANSFERRED.

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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: 31JAN96

Label Status: G

Common Name: AMEROID OWS QUICK SEPARATING DEGREASER

Chronic Hazard: YES

Signal Word: WARNING!

Acute Health Hazard-Moderate: X

Contact Hazard-Slight: X

Fire Hazard-Moderate: X

Reactivity Hazard-None: X

Special Hazard Precautions: COMBUSTIBLE. ACUTE: EYES: MAY CAUSE SEVERE IRRITATION, REDNESS, TEARING, BLURRED VISION. SKIN: PROLONGED OR REPEATED EXCESSIVE INHALATION OF VAPORS MAY CAUSE NASAL AND RESPIRATORY IRRITATION, CENTRAL NERVOUS SYSTEM EFFECTS INCLUDING DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE AND POSSIBLE UNCONSCIOUSNESS AND EVEN ASPHYXIATION.

**INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. MAY CAUSE IRRITATION OF THE MOUTH, ESOPHAGUS AND GASTROINTESTINAL SYSTEM CHRONIC: MAY CAUSE CANCER.**

**Protect Eye: Y**

**Protect Skin: Y**

**Protect Respiratory: Y**

**Label Name: DREW CHEMICAL CORP**

**Label Street: ONE DREW PLAZA**

**Label City: BOONTON**

**Label State: NJ**

**Label Zip Code: 07005**

**Label Country: US**

**Label Emergency Number: 606-324-1133; 800-274-5263**