

MATERIAL SAFETY DATA SHEET
ESSENTIALLY SIMILAR TO OSHA FORM 174

DL 2980

MANUFACTURED FOR:
Drummond American Corporation
600 Corporate Woods Parkway
Vernon Hills, IL 60061

IN CASE OF EMERGENCY CALL:
ROCKY MOUNTAIN POISON & DRUG CENTER
COLLECT AT: (303) 623-5716

DATE OF PREPARATION: 02/02/99
INFORMATION TELEPHONE NUMBER (847) 913-9013

PRODUCT NUMBER DL 2980
PRODUCT NAME CLOUT
PRODUCT CLASS SOLVENTS

SECTION I - IDENTITY

SECTION II - INGREDIENTS

INGREDIENT	CAS NUMBER	%	ACGIH TLV FPH	NIOSH H ₃	PEL PPM	STEL PPM
PROPYLENE GLYCOL PROPYL ETHER	1669-01-3	3-7	NE	NE	NE	NE
PROPYLENE GLYCOL MONOBUTYL ETHER	5131-66-8	1-5	NA	NA	NA	NA
D-LIMONENE	5589-27-5		NE	NE	NE	NE
WATER	7732-18-5		NA	NA	NA	NA
SODIUM C14-16 OLEFIN SULFONATE	N/A	N/E	NE	NE	NE	NE
	69439-57-6		NE	NE	NE	NE

S.A.R.A. TITLE III, SECTION 313:
THIS PRODUCT CONTAINS NO LISTED
CHEMICALS SUBJECT TO REPORTING.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (degrees F): N/A
VAPOR DENSITY: Heavier than air
EVAPORATION RATE: Slower than ether
PERCENT VOLATILE (By Weight): 83.000
WEIGHT PER GALLON (LBS): 8.30
OPTIONAL INFORMATION:
Appearance/Odor: red/orange liquid, citrus odor.
Specific Gravity: (water=1): 1.004
Evaporation Rate: (Butyl Acetate=1): <1
Solubility in water: complete.
pH Concentrate: 9.5

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:
OSHA CLASS N/A
DOT CLASS N/A
FLASH POINT: 120°F
LEL: N/A
UEL: N/A
METHOD: TAG CLOSED CUP
AEROSOL PRODUCT: N/A
EXTINGUISHING MEDIA: CO2 ALCOHOL FOAM DRY CHEMICAL
UNUSUAL FIRE AND EXPLOSION HAZARDS:
This product has not been tested as a whole for LEL and UEL values. However, Isopropyl and 2-Butoxyethanol are the components contributing to this hazard.

SPECIAL FIREFIGHTING PROCEDURE:
Evacuate the area of unprotected personnel. Wear protective clothing and a NIOSH-approved self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

STABILITY: STABLE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
HAZARD DECOMPOSITION PRODUCTS:
Burning can produce monoxide, carbon dioxide, and other fumes.
CONDITIONS TO AVOID:
Mixing with any other cleaning product. Mix only water. Do not store at high temperatures. Recommended storage temperatures <100F.
INCOMPATIBILITY (MATERIALS TO AVOID):
Strong alkalis, bleach or sodium hypochlorite and other oxidizing agents.
D.O.T. EMERGENCY RESPONSE INFORMATION:
Not Applicable

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SECTION VI - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

Burning and irritation to skin, may cause dermatitis. Eye contact may cause irritation and possible corneal damage. Inhalation may cause slight irritation to mucous membranes. Ingestion may cause tissue damage, red blood cell hemolysis and possible liver and kidney damage.

PRIMARY ROUTE(S) OF ENTRY: DERMAL INHALATION INGESTION EYES

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE:
May aggravate existing skin and eye condition. Ingestion or repeated over-exposure may cause liver and kidney damage.

TARGET ORGANS AFFECTED:

Eyes, skin, respiratory system, blood, liver and kidneys.

CARCINOGENICITY:

None of the components in this chemical are listed by IARC, NTP or OSHA as a carcinogen.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with lukewarm water for 15 minutes and seek a physician.
SKIN: Remove with contaminated clothes. Flood with water.
INGESTION: Do not induce vomiting, administer milk or water.
INHALATION: Move to fresh air.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Wear proper protective equipment including rubber boots. Soak up with non-combustible inert absorbent materials. Flush area with water. Keep ventilate and combustibles away.

WASTE DISPOSAL METHOD:

Dispose of in accordance with federal, state and local regulations.

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SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:
None required.

VENTILATION:

Local Exhaust: If necessary.
Mechanical (General): Recommended.

PROTECTIVE GLOVES:

Rubber (Latex) or Neoprene Gauntlet Type.

EYE PROTECTION:

Safety glasses or goggles and an eye-wash station are recommended.

OTHER PROTECTIVE EQUIPMENT:

Wear full cover protective clothing to prevent repeated or prolonged contact.

INGESTIVE PRACTICES:

WASH HANDS BEFORE EATING OR USING THE WASHROOM. SMOKE
IN SMOKING AREAS ONLY.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Follow all label directions. Instruct personnel about proper use, hazards, precautions and first aid measures. Rotate stock regularly. Handle carefully to avoid damaging container. Keep container closed when is not in use. Recommended storage temperature below 100 F.

OTHER PRECAUTIONS:

Use only with adequate ventilation. Avoid breathing of vapor or spray mist. Do not get in eyes, on skin or clothing. Do not take internally.

SECTION X - OTHER INFORMATION

-----NFPA INDEX-----

HEALTH 2
FLAMMABILITY 2
REACTIVITY 0

PREPARED BY:

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Vernon Hills, Illinois 60061

---NFPA HAZARD INDEX---

PL	Professional Engineers Level	UL	User Explosion Level	4
NI	National Fire Protection Association	NI	Not Established	3
CA	Chemical Abstract Services	PI	Purely Per Killion	2
RP	National Research Program	O.S.T.	Department of Transportation	1
GM	Occupational Safety and Health Act	NA	Not Applicable	0
UAC	International Agency for Research on Cancer	RT	Approvals allowable of substance per cubic meter of air	0
STL	Short Term Exposure Limit, duration is for 15 minutes			