



**Loctite Corporation**  
Automotive Group

4450 Cranwood Court  
Cleveland, Ohio 44128

(216) 475-3600  
Toll Free: 1-800-321-9188  
Telex: 6873201 Loctituw

**MATERIAL SAFETY DATA SHEET**

DATE: 2/12/86  
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WOLF DISTRIBUTING  
101 CAREY AVE

GILLETTE WY 82716

\* ATTN: SAFETY SUPERVISOR

**I. PRODUCT IDENTIFICATION**

PRODUCT NAME: LOCTITE KLEAN N' PRIME

PRODUCT TYPE: AEROSOL CLEANER

Part no. 2556

**II. COMPOSITION**

INGREDIENTS	% BY WT.	HAZARD
1,1,1-TRICHLOROETHANE	85-90	TLV=350PPM *
ISOPROPYL ALCOHOL	5-10	TLV=400PPM **
N,N-DIALKYL TOLUIDINE***	1-2	
METHYL PTOBENZOTHAZOLE	1-3	
CARBON DIOXIDE PROPELLENT	3-5	TLV=5000PPM

\* 1,1,1-TRICHLOROETHANE IS AN EYE IRRITANT. IT IS MODERATELY TOXIC BY INHALATION. TOXICITY BY INGESTION IS LOW. IT HAS BEEN SHOWN TO CAUSE REPRODUCTIVE EFFECTS AND KIDNEY AND LIVER DAMAGE IN EXPERIMENTAL ANIMALS ON PROLONGED INHALATION. IT IS OUR BEST TECHNICAL JUDGEMENT THAT, WITH PROPER PRECAUTIONS, NORMAL USE OF THIS PRODUCT POSES NO SUCH HAZARDS.

\*\* OVER EXPOSURE TO ISOPROPYL ALCOHOL VAPOR MAY IRRITATE THE EYES, NOSE, THROAT. LIQUID ISOPROPYL ALCOHOL IS AN EYE IRRITANT AND MODERATELY TOXIC BY INGESTION.

\*\*\* N,N-DIALKYL TOLUIDINE IS MODERATELY TOXIC BY INGESTION.

**III. CHEMICAL AND PHYSICAL PROPERTIES**

VAPOR PRESSURE: APPROX. 100MM @70 DEG F  
VAPOR DENSITY: APPROX. 4.5  
SOLUBILITY IN WATER: SLIGHT  
APPEARANCE: YELLOW LIQUID

SPECIFY GRAVITY: 1.3 @ 70 DEG F  
BOILING POINT: 170-180 DEG F  
PH: DOES NOT APPLY  
ODOR: SHARP

**IV. TOXICITY AND HEALTH HAZARD DATA**

TOXICITY:  
MODERATE VIA INGESTION  
EYE IRRITANT

TLV: APPROX. 350 PPM



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SYMPTOMS OF OVEREXPOSURE:  
HEADACHE, NAUSEA, DIZZINESS. NARCOSIS AT HIGH CONCENTRATIONS.

EMERGENCY TREATMENT PROCEDURES:

INGESTION:  
DO NOT INDUCE VOMITING. KEEP INDIVIDUAL CALM. OBTAIN MEDICAL ATTENTION

INHALATION:  
REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.

SKIN CONTACT:  
FLUSH WITH WATER.

EYE CONTACT:  
FLUSH THOROUGHLY WITH WATER. HAVE EYES CHECKED BY PHYSICIAN.

PERSONAL PROTECTION:

EYES:  
SAFETY GLASSES RECOMMENDED.

SKIN:  
RUBBER OR PLASTIC GLOVES RECOMMENDED.

VENTILATION:  
PROVIDE ADEQUATE VENTILATION TO MAINTAIN VAPOR CONCENTRATION BELOW TLV

V. FLAMMABILITY AND EXPLOSIVE PROPERTIES

FLASH POINT: 138 DEG F (BASE ONLY) METHOD: T.C.C.  
EXPLOSIVE LIMITS(% BY VOLUME IN AIR) LOWER: UNK % UPPER: UNK %  
RECOMMENDED EXTINGUISHING AGENTS: CO2,FOAM,DRY CHEMICAL  
HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION:  
TOXIC CHLORIDES  
UNUSUAL FIRE OR EXPLOSION HAZARDS:  
NONE KNOWN  
COMPRESSED GASES:  
NAME: CARBON DIOXIDE  
PRESSURE AT ROOM TEMPERATURE: 50PSI

VI. REACTIVITY DATA

STABILITY: |X| STABLE | | UNSTABLE  
HAZARDOUS POLYMERIZATION: | | MAY OCCUR |X| MAY NOT OCCUR  
HAZARDOUS DECOMPOSITION PRODUCTS(NON-THERMAL):  
CHLOROACETYLENES



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INCOMPATIBILITY:  
CAUSTICS AND ACTIVE METALS

#### VII. SPILL OR LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:  
ALLOW TO EVAPORATE WITH GOOD VENTILATION. SOAK UP RESIDUE WITH INERT  
ABSORBENT.

RECOMMENDED METHODS OF DISPOSAL:  
FOLLOW EPA AND LOCAL REGULATIONS FOR DISPOSAL OF CHLORINATED  
HYDROCARBONS. DO NOT INCINERATE PRESSURIZED CANS.

#### VIII. STORAGE AND HANDLING PROCEDURES

STORAGE:  
STORE BELOW 110 DEG F

HANDLING:  
AVOID PROLONGED BREATHING OF VAPOR.

#### IX. SHIPPING REGULATIONS

TYPE OR CLASS	DOT: GRM-D
	IATA: CLASS 2- COMPRESSED GAS SUBSIDIARY RISK 6.1
PROPER SHIPPING NAME	DOT: CONSUMER COMMODITY
	IATA: AEROSOL, NON FLAMMABLE, N.O.S. UN1950

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PREPARED BY: ROBERT J. CARTER

TITLE: DIR., CONSUMER & TECHNICAL AFFAIRS

DATE: 11/01/85  
SUPERSEDES: NEW ISSUE

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