MATERIAL SAFETY DATA SHEET
ESSENTIALLY SIMILAR TO OSHA FORM 174

---- RATINGS -----	HMIS	NFPA
HEALTH	1	3
FLAMMABILITY	0	1
REACTIVITY	0	1
PERSONAL PROTECTION	B	

-- HAZARD INDEX --	
SEVERE HAZARD	4
SERIOUS HAZARD	3
MODERATE HAZARD	2
SLIGHT HAZARD	1
MINIMAL HAZARD	0

---- PERSONAL PROTECTION -----	
A	GLASSES
B	GLASSES & GLOVES
C	GLASSES, GLOVES & APRON
D	FACE SHIELD, GLOVES & APRON
E	GLASSES, GLOVES & RESP.

MANUFACTURED FOR:

LAWSON PRODUCTS, INC.
1666 EAST TOUHY AVENUE
DES PLAINES, ILLINOIS 60018

EMERGENCY TELEPHONE NUMBER:

ROCKY MOUNTAIN POISON AND DRUG CENTER
(303) 623-5716

REVISION DATE:
08/23/91

INFORMATION TELEPHONE NUMBER:
(708) 827-9666

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NUMBER 80925
PRODUCT NAME Brake Klean
PRODUCT CLASS Aerosols-Cleaners

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	%	ACGIH TLV TWA PPM	OSHA PEL PPM	OSHA PEL MG/M^3	OSHA TLV STEL MG/M^3
@*Perchloroethylene	127-18-4	45-50	50	25	670.0	N/A
@ 1,1,1 Trichloroethane	71-55-6	45-50	350	350	1900.0	N/A
Propellant: CO2	124-38-9	3.0	5000	10000	9000.0	N/A
Pressurized Container 85-110 PSI						

* Listed as Suspected Carcinogen
@ Subject to reporting under SARA Title III. See Section IX - Special Precautions

SECTION III - PHYSICAL DATA

BOILING POINT (degrees F): 162.0

VAPOR DENSITY: Heavier than air.

EVAPORATION RATE: Slower than ether.

PERCENT VOLATILE (By Weight): 100.0 WEIGHT PER GALLON (LBS): 12.00

ODOR AND APPEARANCE:
Solvent odor, clear color.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION:
OSHA CLASS N/A
DOT CLASS ORMD

U.N. CLASSIFICATION:
PER DOT 1954
PER IMCO 1950

IMCO CLASSIFICATION NUMBER:
Class 9, Non hazardous

IATA CLASSIFICATION:
2 Subsidary Risk-none Pkg Inst203

FLASH POINT (Degrees F):NONE

METHOD: Tag Open Cup

LEL: NONE

UEL: NONE

NFPA FIRE PROTECTION LEVEL:1

AEROSOL PRODUCT: Treat as cylinder of compressed gas.

EXTINGUISHING MEDIA:
CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Treat as cylinders of compressed gas.

SPECIAL FIREFIGHTING PROCEDURES:
Cool cans in the vicinity of excessive heat or fire. Use shielding to protect personnel against bursting, rupturing or venting containers.

SECTION V - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:
Inhalation-Difficulty in breathing. Skin-redness. Ingestion-vomiting.

PRIMARY ROUTE(S) OF ENTRY:
SKIN CONTACT EYE CONTACT INHALATION INGESTION

MEDICAL CONDITIONS PRONE TO OVEREXPOSURE:
May increase myocardial irritability. Avoid Epinephrine or similar drugs if at all possible.

TARGET ORGANS AFFECTED:
May cause dizziness or norcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to vapor may cause lung, liver, or kidney damage. Solvents have been shown to effect the central nervous system.

CARCINOGENICITY:
This product contains material considered to be a carcinogen by the National Toxicology Program, or the International Agency for Research on cancer, or the Occupational Safety and Health Administration, "Suspected in Animals".

EMERGENCY AND FIRST AID PROCEDURES:
Give oxygen- Do not induce vomiting- Gastric lavage- Wash eyes and skin with water.