

1FID: 00170147
VER DATE: 1989-03-03

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:01:24
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: CHROME CLEANER AND POLISH

ALL SYNONYMS : *11
*54
CHROME - CLEANER AND POLISH
CHROME CLEANER AND POLISH
CHROMIUM CLEANER
CHROMIUM CLEANER POLISH
CHROMIUM POLISH
CN2937
DVEL
ENG01
GM CHROME CLEANER
TPW623
1050173
12345073
272
88C134

MSDS SIGNED BY NAME: DOUGLAS J. STEINKE
MSDS SIGNED BY TITLE: RESEARCH AND DEVELOPMENT MANAGER

SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F

LAST UPDATED DATE: 1991-03-27

MANUFACTURER'S ID (MID): 000550303
MANUFACTURER'S NAME: KEM KREST PRODUCTS DIV OF ACCRA PAC INC
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 219-295-0000
MANUFACTURER'S MAILING ADDRESS:
2730 MIDDLEBURY ST, P.O. BOX 878
ALSO SEE GMBA #507002
ELKHART IN 46516
US

CHEMICAL FAMILY NAME: MIXTURE OF CLEANING AND POLISHING INGREDIENTS.

MOLECULAR FORMULA: N/A

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
001332098	= 5.0000/ 0.0000%	W	Pumice
007664417	= 2.0000/ 0.0000%	W	AMMONIA
007732185	= 57.0000/ 0.0000%	W	WATER
008002059	= 9.0000/ 0.0000%	W	PETROLEUM DISTILLATE
061790532	= 25.0000/ 0.0000%	W	DIATOMACEOUS EARTH, NATURAL
063148629	= 1.0000/ 0.0000%	W	SF-96
989921248	= 1.0000/ 0.0000%	W	ALKANOLAMIDE

PERMISSIBLE EXPOSURE LIMIT: PETROLEUM DISTILLATES #80020509: 500 PPM.
AMMONIA #7664417: 50 PPM.

CERCLA (SUPERFUND) REPORTABLE QUANTITY (LBS): NONE KNOWN

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:

SKIN PRIMARY ENTRY ROUTE INDICATOR =	N
EYE PRIMARY ENTRY ROUTE INDICATOR =	N
INHALATION PRIMARY ENTRY ROUTE INDICATOR =	N
INGESTION PRIMARY ENTRY ROUTE INDICATOR =	Y

PRIMARY ROUTES OF ENTRY TEXT: INGESTION.

EFFECTS OF OVEREXPOSURE: EYE AND SKIN: MILD IRRITATION. INHALATION:
HEADACHE. INGESTION: NAUSEA.

SECTION 3 - OTHER INFORMATION: N/A

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: EYE: FLUSH WITH PLENTY OF
WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND WATER.
INHALATION: REMOVE TO FRESH AIR. INGESTION: CALL A PHYSICIAN.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: N/D

SPECIAL FIRE FIGHTING PROCEDURES: N/D

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/D

NFPA CODES:

NFPA FLAMMABILITY CODE =	2
NFPA HEALTH CODE =	3
NFPA REACTIVITY CODE =	1

FLASH POINT TEMPS: 56.00C/ 134.00F

FLASH POINT TEXT: 134F TCC

FLASH POINT METHOD: TCC

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: BLOT WITH ABSORBENT INERT MATERIAL AND
LANDFILL, OR APPLY DEGREASER AND FLUSH WITH AN EXCESS OF WATER.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: DO NOT STORE NEAR HEAT
OR OPEN FLAME. DO NOT STORE BELOW 32F OR ABOVE 130F FOR PROLONGED
PERIODS OF TIME.

SECTION 7 - OTHER INFORMATION: KEEP OUT OF THE REACH OF CHILDREN.

DELIBERATE MISUSE MAY BE HARMFUL OR FATAL.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: SAFETY GLASSES

RESPIRATORY PROTECTION: NOT REQUIRED
PERSONAL PROTECTIVE EQUIPMENT: NONE REQUIRED

PROTECTIVE GLOVES (SPECIFY TYPE): RUBBER

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

ANALYTICAL VOC WITHOUT WATER: 9.15 BY
ANALYTICAL VOC WITHOUT WATER: 9.15
THEORETICAL VOC WITHOUT WATER: (AS PACKAGED MINUS WATER): PETROLEUM
DISTILLATES, AMMONIA.

BOILING POINT TEMPS: 100.00C/ 212.00F
BOILING POINT TEXT: 212 F.

SPECIFIC GRAVITY VALUES: = 1.1000
SPECIFIC GRAVITY TEXT: =1.1

VAPOR DENSITY VALUES: 1.0000
VAPOR DENSITY TEXT: 1
VAPOR PRESSURE TEXT: N/A

PERCENT VOLATILE BY VOLUME: 68.0000
PERCENT VOLATILE BY VOLUME TEXT: 68.0
PERCENT SOLID BY WEIGHT VALUES: 32.0000
PERCENT SOLID BY WEIGHT TEXT: 32.0

EVAPORATION RATE VALUES: 1.00
EVAPORATION RATE TEXT: 1 (WATER=1).

SOLUBILITY IN WATER TEXT: SOLUBLE

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: N/A

APPEARANCE: OFF WHITE, MEDIUM VISCOSITY LIQUID WITH CHARACTERISTIC
ODOR.

PHYSICAL STATE: LIQ
PHYSICAL STATE TEXT: LIQUID

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - CONDITIONS TO AVOID: NONE KNOWN
STABILITY - TEXT: YES

INCOMPATIBLE MATERIALS: NONE KNOWN

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION INDICATOR: N

HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: NONE KNOWN

HAZARDOUS POLYMERIZATION TEXT: NO

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: WASTE MUST BE DISPOSED OF ACCORDING TO LOCAL,
STATE AND FEDERAL REGULATIONS.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: NONE KNOWN

LOCAL EXHAUST: N/A

SPECIAL PROTECTION: N/A

SPECIAL PROTECTION (MECHANICAL): RECOMMENDED

SAFE USE CATEGORY AND DESCRIPTION :

03 SOLVENTS - FLASH POINT: > 100 F

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 001332098 Pumice

REG:
0012

CAS#: 007664417 AMMONIA

REG:
0001,0003,0004,0009,0010,0012,0015,0017,0019,0020,0023,0026
0028,0031,0032,0033,0034,0035,0037,0038,0039,0041,0042,0047
0048,0053,0056,0059,0061,0063,0064,0065,0067,0082,0084,0088
0089,0103,0104,0123

HHS:
REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD
INFORMATION.

CAS#: 007732185 WATER

REG:
0012
REG BY CATEGORY:
0034,0049,0088,0090,0105,0106,0109,0112

CAS#: 008002059 PETROLEUM DISTILLATE

REG:
0001,0004,0012,0019,0032,0034,0061,0065,0084,0107

HHS:
REFER TO THE APPROPRIATE SAFE USE INSTRUCTION FOR HEALTH HAZARD
INFORMATION.

CAS#: 061790532 DIATOMACEOUS EARTH, NATURAL

REG:

0003,0012,0065,0099

CAS#: 063148629 SF-96

REG:

0012

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0018	NY SAN 22.8	0019	MA SUBST	0020	NJ ENV SUBST
0021	TOX ORGANICS	0022	MD CLASS I	0023	MD CLASS II
0024	EPA-ATC-I	0026	EPA-CHEMCONC	0027	WB VERY TOX
0028	WB OTHER TOX	0031	ALLGHNY CTY	0032	IL-RTK
0033	OSHA-HHCL	0034	FLT CRIT IND	0035	GM-AHC
0036	PRO EP TOX	0037	MO SPECIES	0038	MO-RTK
0039	ONT 654-86	0040	ONT DES SUB	0041	SARA312EXHAZ
0042	WI TABLE 1	0043	WI TABLE 2	0047	SARA 313
0048	CERCLASEC103	0049	P-65 CARCINO	0050	P-65 REP TOX
0051	MD CLSI .11	0052	MD CLSI .12	0053	MD CLSII .12
0054	CT 29-1	0055	CT 29-2	0056	CT 29-3
0058	EPA261.33(F)	0059	CA AIR TOX 1	0060	CA AIR TOX 2
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0067	NV HIGH HAZ.
0068	MI 307-CARC	0069	MI 307-NCARC	0070	MICH AIR
0071	CAA602 CLSI	0075	C	0076	D
0078	GREAT LAKES	0080	METALS	0082	EPA 112 (R)
0083	TSCA 8(D))	0084	GM OEG	0085	TSCA-TEST
0087	TSCA 12(B)	0088	NAT. POLL. REL	0089	NY CHEM BULK
0090	GL PERSIST	0091	LAND DISP. - II	0092	UAW/GM AUDIT
0093	TSCA - SPECIAL	0098	DSL - CANADA	0099	NDSL - CANADA
0102	GM 1000M	0103	CAA SEC. 112(R)	0104	CERCLA-HAZWOPER
0105	GLPPP-SPECIFIC	0106	GLPPP-SPECIFIC	0107	PET. DISTILLATE
0109	APPENDIX IX	0110	GLOBAL WARM CMP	0112	RCRA PBT -DRAFT
0113	IARC-GROUP 2B	0116	GMW 3059-RESTR.	0117	GMW 3059-REPORT
0118	T.W. REPORT	0121	HEX CHROME, PB,	0122	ACDM-REPORTING
0123	MDEQ PART 5				

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE
GMBA: 000550679 SPO - FLINT DIVISIONAL HDQTRS.
CISCO: 17101;
STATUS :ACTIVE
GMBA: 000550684 SPO - MINNEAPOLIS
CISCO: 17504;
STATUS :INACTIVE
GMBA: 000550741 MCD GROUP - WARREN
CISCO: 18001;
STATUS :ACTIVE
GMBA: 000550746 GMPTG - POWERTRAIN ENGINEERING
CISCO: 18006;
STATUS :ACTIVE

GMBA: 000550763 GMPTG - ROMULUS ENGINEERING CENTER
CISCO: 18101;
STATUS :ACTIVE

GMBA: 000550765 PLANT NAME NOT IN CSIS WHO-ID FILE
CISCO: 18111;
STATUS :ACTIVE

GMBA: 000550796 LAD - LANSING
CISCO: 19300;
STATUS :ACTIVE

GMBA: 000550800 CLCD - CLARK STREET
CISCO: 19600;
STATUS :INACTIVE

GMBA: 000550811 DELPHI E - FLINT WEST
CISCO: 31023;
STATUS :INACTIVE

GMBA: 000550876 GM TRUCK GROUP-TPC CENTRAL
CISCO: 48028;
STATUS :ACTIVE

GMBA: 000550890 GM TRUCK GROUP-TPC WEST
CISCO: 48200;
STATUS :ACTIVE

GMBA: 000550892 PLANT NAME NOT IN CSIS WHO-ID FILE
CISCO: 48701;
STATUS :ACTIVE

GMBA: 000550893 PLANT NAME NOT IN CSIS WHO-ID FILE
CISCO: 48761;
STATUS :ACTIVE

GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE

GMBA: 000550960 GM DESERT PROVING GROUND
CISCO: 91008;
STATUS :ACTIVE

GMBA: 000550965 GMPTG - DENVER VEHICLE EMISSIONS LAB
CISCO: 94011;
STATUS :ACTIVE

GMBA: 000550966 GM PROVING GROUND - MILFORD
CISCO: 94017;
STATUS :ACTIVE

GMBA: 000550976 GM TECHNICAL CENTER, TOTAL SITE
CISCO: 96003;
STATUS :ACTIVE

GMBA: 000551424 SERVICE TECHNOLOGY HEADQUARTERS
CISCO: 18400;
STATUS :ACTIVE

GMBA: 000551865 MANAGEMENT CENTER - WARREN
CISCO: 85155;
STATUS :INACTIVE

GMBA: 000555104 TRUCK PRODUCT CENTER - WEST
STATUS :INACTIVE

GMBA: 000556298 GM TECHNICAL CENTER, TOTAL SITE
STATUS :ACTIVE

GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE

GMBA: 000557375 SPO - CONTRACT HOUSE
CISCO: 99011;

STATUS :ACTIVE