

General Motors Corporation Material Safety Data Sheet

September, 1999

Page 423

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

TRADENAME: CITRUS HAND CLEANER - WITH PUMICE
12346006

MSDS SIGNED BY TITLE: HEALTH AND SAFETY DEPT.
SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F
MSDS CREATE DATE: 1998-08-21
LAST UPDATED DATE: 1998-03-17
MANUFACTURER'S ID (MID): 000522786
MANUFACTURER'S NAME: LOCTITE CORP
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 860-571-5100
MANUFACTURER'S MAILING ADDRESS:
1001 TROUT BROOK CROSSING
ALSO SEE GMBA #502982 (PERMATAX)
ROCKY HILL CT 06067-3910
US

PRODUCT USE: INDUSTRIAL WATERLESS HANDCLEANER

SECTION 1 - OTHER INFORMATION:

GENERAL MOTORS BUILDING SECURITY 313-556-6200

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/W	CHEMICAL NAME
000102716	R 0.1000/1.0000%	N	ETHANOL, 2,2',2"-NITRILOTRI-
001332098	R 5.0000/ 10.0000%	N	Pumica
007732185	R 70.0000/ 80.0000%	N	WATER
014808607	R 0.1000/1.0000%	N	SILICA, CRYSTALLINE - QUARTZ
068154972	R 1.0000/5.0000%	N	Alcohols, C10-12, ethoxylated prop oxylated
068647723	R 5.0000/ 10.0000%	N	Terpenes and Terpenoids, sweet ora nge-oil

SECTION 2 - OTHER INFORMATION:

5989275 IS A MAJOR FRACTION OF 68647723 // OTHER EXPOSURE LIMITS:
1332098: NONE // 14808607: NONE
THRESHOLD LIMIT VALUE: ACGIH (TWA): 1332098: 10 MG/M3 TOTAL //
14808607: 0.1 MG/M3 TWA RESPIRABLE DUST
PERMISSIBLE EXPOSURE LIMIT: OSHA: 1332098: 15 MG/M3 TOTAL, 5 MG/M3
RESP. // 14808607: 0.1 MG/M3 TWA RESPIRABLE DUST

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:
SKIN PRIMARY ENTRY ROUTE INDICATOR = Y
INHALATION PRIMARY ENTRY ROUTE INDICATOR = Y
INGESTION PRIMARY ENTRY ROUTE INDICATOR = Y
EFFECTS OF OVEREXPOSURE: NONE UNDER NORMAL CONDITIONS OF USE.
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN
ADDITIONAL HEALTH HAZARD DATA: 5989275: IRRITANT // 14808607: LUNG,
EVIDENCE OF SOME CARCINOGENICITY

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - SKIN: FLUSH WITH WATER.
EMERGENCY FIRST AID PROCEDURES - EYES: FLUSH AT LEAST 15 MINUTES
WITH WATER. OBTAIN MEDICAL ATTENTION.
EMERGENCY FIRST AID PROCEDURES - INHALATION: REMOVE TO FRESH AIR. IF
SYMPTOMS PERSIST, OBTAIN MEDICAL ATTENTION.
EMERGENCY FIRST AID PROCEDURES - INGESTION: DO NOT INDUCE VOMITING.
KEEP INDIVIDUAL CALM, OBTAIN MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

FLAMMABLE LEL: NAV 0.00
FLAMMABLE UEL: NAV 0.00
EXTINGUISHING MEDIA: CARBON DIOXIDE, CHEMICAL POWDER
SPECIAL FIRE FIGHTING PROCEDURES: NOT AVAILABLE
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE
HMIS CODES:
HMIS REACTIVITY CODE = 0
HMIS HEALTH CODE = 1
HMIS FLAMMABILITY CODE = 2
NFPA CODES:

NFPA FLAMMABILITY CODE = 2
NFPA HEALTH CODE = 1
NFPA REACTIVITY CODE = 0
NFPA SPECIAL HAZARD TEXT: DOES NOT APPLY
FLASH POINT TEMPS: = 193.00F
FLASH POINT METHOD: SCC

SECTION 5 - OTHER INFORMATION:

HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMP: IRRITATING
ORGANIC VAPORS // HMIS CODE, PERSONAL PROTECTION: SEE SECTION 8

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: RINSE AWAY WITH WATER OR WIPE UP WITH A
TOWEL.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: SAFE STORAGE:
HAND CLEANER SHOULD BE STORED BETWEEN 40 F AND 100 F

SECTION 7 - OTHER INFORMATION:

(CONTACT LOCTITE CUSTOMER HANDLING: SERVICE 1-800-243-4874 FOR
SHELF LIFE INFORMATION) FOLLOW ALL GENERAL SAFETY PRECAUTIONS.
KEEP AWAY FROM CHILDREN.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: NOT NORMALLY NEEDED, BUT SAFETY GLASSES OFFER
INCREASED PROTECTION.
SKIN PROTECTION: NONE NORMALLY NEEDED.
RESPIRATORY PROTECTION: NOT AVAILABLE
VENTILATION: SOME LOCAL VENTILATION MAY BE DESIRED FOR PROLONGED
EXPOSURE IN A CONFINED AREA.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

THEORETICAL VOC WITHOUT WATER: 0.788 LBS/GAL VOC // (EPA METHOD 24)
9.296: 95 GRAMS PER LITER OF MATERIAL
BOILING POINT TEXT: NOT AVAILABLE
SPECIFIC GRAVITY VALUES: = 1.0300
VAPOR DENSITY TEXT: NOT AVAILABLE
VAPOR PRESSURE TEXT: NOT AVAILABLE
EVAPORATION RATE TEXT: (ETHER = 1) NOT AVAILABLE
SOLUBILITY IN WATER TEXT: SOLUBLE
PH OF PRODUCT AS RECEIVED (NEAT)/VALUE: = 5.5000
APPEARANCE: WHITE LOTION WITH PUMICE.
ODOR: ORANGE

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: Y
STABILITY - TEXT: STABLE
INCOMPATIBLE MATERIALS: NONE
HAZARDOUS DECOMPOSITION PRODUCTS: (NON-THERMAL): NONE
HAZARDOUS POLYMERIZATION INDICATOR: N
HAZARDOUS POLYMERIZATION TEXT: WILL NOT OCCUR

SECTION 10 - OTHER INFORMATION:

CONDITIONS TO VOID: NOT AVAILABLE

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE ORAL EFFECTS: ESTIMATED ORAL LD50 MORE THAN 5000
CARCINOGENICITY: NTP: 14808607: YES, ALL OTHERS: NO. // IARC:
14808607:2A. PROBABLY CARCINOGENIC TO HUMANS, ALL OTHERS: NO,
EXCEPT FOR 5989275: NOT APPLICABLE // OSHA: ALL INGREDIENTS: NO.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NO DATA AVAILABLE

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: DISPOSE OF UNCONTAMINATED MATERIAL
THROUGH SEWAGE SYSTEM WITH PERMISSION OF THE AUTHORITY
RESPONSIBLE FOR THAT SYSTEM. FOLLOW EPA AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT INFORMATION: MARINE POLLUTANT: NONE
SHIPPING NAME: UNRESTRICTED

**General Motors Corporation
Material Safety Data Sheet**

September, 1999

Page 424

HAZARD CLASS: UNRESTRICTED
U.N. CONF: NONE

SECTION 14 - OTHER INFORMATION:

IATA: PROPER SHIPPING NAME: UNRESTRICTED // CLASS OR DIVISION: UNRESTRICTED // UN CH ID NUMBER: NONE

SECTION 15: REGULATORY INFORMATION

SECTION 15 - OTHER INFORMATION:

CA PROPOSITION 65: NO CALIFORNIA PROPOSITION 65 CHEMICALS ARE KNOWN TO BE PRESENT AT OR ABOVE THE NO SIGNIFICANT RISK LEVEL.

SECTION 16: OTHER INFORMATION

RCRA HAZARDOUS WASTE NUMBER TEXT: EPA HAZARDOUS WASTE NUMBER:
NA - NOT A RCRA HAZARDOUS WASTE MATERIAL