

DATEY CLEANER

Latest Revision Date...04/01/99 Date of Issue.....02/24/00

SECTION 1 IDENTITY OF MATERIAL

TRADE NAME.....DATEY CLEANER
PRODUCT NUMBERS... 30766, 30779, 30782, 30795, 30805
FORMULA..... CH(3)CO(2)H(5)+CH(3)COCH(3)
SYNONYMS..... Methyl Ethyl Ketone and Acetone

SECTION 2 HAZARDOUS INGREDIENTS

INGREDIENTS	%	CAS NUMBER	SEC 313
Methyl Ethyl Ketone	85-96%	78-93-3	Yes
Acetone	1-10%	67-64-1	No

SECTION 3 KNOWN HAZARDS UNDER 29 CFR 1910.1200

HAZARDS	YES	NO	HAZARDS	YES	NO
Combustible Liquid		x	Skin Hazard	x	
Flammable Liquid	x		Eye Hazard	x	
Pyrophoric Material		x	Toxic Agent	x	
Explosive Material		x	Highly Toxic Agent		
Unstable Material		x	Sensitizer		x
Water Reactive Material		x	Kidney Toxin		x
Oxidizer		x	Reproductive Toxin	x	
Organic Peroxide		x	Blood Toxin		x
Corrosive Material		x	Nervous System Toxin	x	
Compressed Gas		x	Lung Toxin	x	
Irritant	x		Liver Toxin		x
Carcinogen NTP/IARC/OSHA		x			

SECTION 4 REGULATION

CHEMICAL	TLV (TWA)	PEL (Transitional Limits)	STEL	Hazard Action Level
Methyl Ethyl Ketone	200 ppm, 590 mg/cu m	200 ppm, 259 mg/cu m	300 ppm, 885 mg/cu m	N/A
Acetone	500 ppm, 1200 mg/cu m	1000 ppm, 2400 mg/cu m	750 ppm, 1800 mg/cu m	N/A

SECTION 5 REGULATED IDENTIFICATION

DOT PROPER SHIPPING NAME..... CONSUMER COMMODITY ORM-D; Cleaning Compound.
DOT HAZARD CLASS..... N/A
SHIPPING ID NUMBER..... N/A
EPA HAZARDOUS WASTE ID NUMBER... F-005
EPA HAZARD WASTE CLASS..... Ignitable Waste/Toxic Waste

SECTION 6 EFFECTS OF EXPOSURE

ENTRY ROUTE..... INHALE - YES INGEST - YES SKIN - YES EYE - YES
INHALATION..... May cause irritation of mucous membranes, nose & throat, headache, dizziness, nausea, numbness of the extremities and narcosis in high concentrations. Has caused CNS depression & liver damage in animals, and concentrations of 1000-3000 ppm caused retardation of fetal development in rats.
SKIN..... Chronic contact may lead to irritation & dermatitis. Chronic exposure to vapors of high concentration may cause dermatitis. May possibly be absorbed through the skin.
EYE..... Vapors or direct contact may cause irritation.
INGESTION..... May be aspirated into the lungs or cause systemic effects described under inhalation.
TARGET ORGANS... Eye, Skin, Lung, Central Nervous System

SECTION 7 EMERGENCY AND FIRST AID PROCEDURES - 303/623-5716 COLLECT

SKIN..... If irritation arises, wash thoroughly with soap and water. Seek medical attention if irritation persists.
EYES..... If fumes cause irritation, move to fresh air and irrigate eyes with water for 15 minutes. If irritation persists, seek medical attention.
INHALATION... Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Keep victim quiet and warm. Call a poison control center or physician immediately.
INGESTION.... Drink water and call a poison control center or physician immediately. Avoid alcoholic beverages. Never give anything by mouth to an unconscious person.

(Continued on next page)

DATEY CLEANER

SECTION 8

PHYSICAL AND CHEMICAL PROPERTIES

NFPA HAZARD SIGNAL..... HEALTH 2 STABILITY 1 FLAMMABILITY 3 SPECIAL NONE
 BOILING POINT..... 133 Degrees F / 56 C
 MELTING POINT..... N/A
 VAPOR PRESSURE..... 186 mmHg @ 20 Degrees C
 VAPOR DENSITY (AIR = 1).... 2.0
 VOLATILE COMPONENTS..... 100%
 SOLUBILITY IN WATER..... 27.1% wt. @ 20 degrees C
 PH..... N/A
 SPECIFIC GRAVITY..... 0.793
 EVAPORATION RATE..... (BUAC = 1) = 7.7
 APPEARANCE..... Colorless Liquid
 ODOR..... Sharp, penetrating odor.
 WILL DISSOLVE IN..... Water, organic solvents
 MATERIAL IS..... Liquid

SECTION 9

FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY..... LEL =2.15 % Volume UEL= 13.0 % Volume
 FLASHPOINT AND METHOD USED..... 0 - 3 Degrees F. / PMCC
 STABILITY..... Stable CONDITIONS TO AVOID: Heat, sparks and open flame. HAZARDOUS DECOMP. P.DTS.:
 Carbon monoxide/ carbon dioxide/hydrogen chloride/smoke.
 HAZARDOUS POLYMERIZATION..... Will not Occur. CONDITIONS TO AVOID: none
 INCOMPATIBILITY/MAT. TO AVOID..... Acids, oxidizing materials, alkalis, chlorinated inorganics (potassium, calcium and
 sodium hypochlorite), copper or copper alloys.
 SPECIAL FIRE FIGHTING PROCEDURE... FOR SMALL FIRES: Use dry chemical, CO2, water or foam extinguisher. FOR LARGE FIRES:
 Evacuate area and call Fire Department immediately.

SECTION 10

SPILL AND DISPOSAL INFORMATION

SPILL OR LEAK PROCEDURES... Ventilate area, stop leak if it can be done without risk. Take up with sand, earth, or other
 non-combustible absorbing material.
 WASTE DISPOSAL..... Dispose of according to local, state, and Federal regulations.

SECTION 11

SAFE USAGE DATA

PROTECTIVE EQUIPMENT TYPES... EYES: Safety glasses with side shields. RESPIRATORY: NIOSH-approved canister respirator in
 absence of adequate ventilation. GLOVES: Rubber Gloves OTHER: Eye wash and safety shower
 should be available.
 VENTILATION..... GENERAL MECHANICAL: Exhaust ventilation capable of maintaining emissions at the point of use
 below PEL. LOCAL EXHAUST: Open doors & windows. If used in enclosed area, use exhaust fans.
 PRECAUTIONS..... HANDLING & STORAGE: Keep away from heat, sparks and flames; store in cool, dry place. OTHER:
 Containers, even empties will retain residue and vapors.

SECTION 12

MANUFACTURER OR SUPPLIER DATA

FIRM NAME & MAILING ADDRESS... DATEY CO., 4700 West 160th Street P.O. Box 35906 Cleveland, Ohio 44135
 DATEY PHONE NUMBER..... (216) 267-7100
 EMERGENCY PHONE NUMBER:..... For Emergency First Aid call (303) 623-5716 COLLECT For chemical transportation emergencies
 ONLY, call Chemtrec at 1-800-424-9300

SECTION 13

DISCLAIMER

The information herein has been compiled from sources believed to be reliable, up-to-date, and is accurate to the best of
 our knowledge. However, Datey cannot give any guarantees regarding information from other sources, and expressly does not
 make warranties, nor assumes any liability for its use.