

**MATERIAL SAFETY DATA SHEET  
(ESSENTIALLY SIMILAR TO OSHA FORM 20, COMPLIES WITH 29CFR 1910:1200)**

HAZARD RATING: HEALTH - 2 , FIRE - 0, REACTIVITY - 0  
MINIMAL - 0 SLIGHT - 1 MODERATE - 2 SERIOUS - 3 SEVERE - 4

**\*\*\*SECTION I: GENERAL INFORMATION\*\*\***

MANUFACTURED FOR: MKG SALES ASSOCIATES, INC.  
ADDRESS: 130 MILLER ROAD  
MEDFORD, NJ 08055  
TELEPHONE NUMBER: 609-953-4700  
DATE ISSUED/REVISED: APRIL 6, 2005  
PRODUCT NUMBER: 3036200  
PRODUCT NAME: MKG DOUBLE LEMON DISINFECTANT CLEANER  
CHEMICAL NAME: QUATERNARY AMMONIUM COMPOUND CONTAINING FORMULA  
CHEMICAL FAMILY: GERMICIDAL DETERGENT  
EMERGENCY RESPONSE NUMBER: 800-255-3924 CHEM-TEL INC.

**HAZARDOUS MATERIAL DESCRIPTION  
(PROPER SHIPPING NAME, HAZARD CLASS, HAZARD ID NO. (49 CFR 172.101)**  
NONE

**\*\*\*SECTION II: HAZARDOUS INGREDIENTS\*\*\*  
AS LISTED IN EPA 40CFR PARTS 261 & 116 AND/OR MASS. DEQE CMR 670.00**

CHEMICAL NAME	CAS NO.	% BY WEIGHT	HAZARD DATA
DIDECYL DIMETHYL AMMONIUM CHLORIDE	7173-51-5	1.875	N/A
n-ALKYL (C14 50%, C12 40%, C16 10%) DIMETHYL BENZYL AMMONIUM CHLORIDE	8001-54-5	1.248	

**CONTAINS NO INGREDIENT THAT IS LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC, NTP OR OSHA.**

**\*\*\*SECTION III: PHYSICAL DATA\*\*\***

BOILING POINT/RANGE (F): COMP. TO WATER  
SPECIFIC GRAVITY: 1.00 (WATER=1)  
% VOLATILE BY VOLUME: 81  
EVAP. RATE (BUAC=1): EQUAL  
WEIGHT/GALLON: 8.33# (WATER=8.33#)  
SOLUBILITY IN WATER: COMPLETE  
VAPOR PRESSURE (MM/HG): 17.5  
PHYSICAL STATE: CLEAR, GREEN LIQUID  
VAPOR DENSITY (AIR=1): <1  
ODOR: LEMON

**\*\*\*SECTION IV: FIRE AND EXPLOSION HAZARD DATA\*\*\***

FLASH POINT (METHOD USED): NONE, TCC  
FLAMMABLE LIMITS: LEL: NA UEL: NA  
FIRE EXTINGUISHING MEDIA: WATER FOG, FOAM, GAS (CO2/HALON), DRY CHEMICAL  
SPECIAL FIRE FIGHTING PROCEDURES: NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

**\*\*\*SECTION V: HEALTH HAZARD DATA\*\*\***

PRIMARY ROUTES OF ENTRY: SKIN ABSORPTION.  
EFFECTS OF OVEREXPOSURE:  
...ACUTE - DO NOT GET IN EYES, ON SKIN OR CLOTHING. CAN BE HARMFUL IF SWALLOWED.  
EMERGENCY AND FIRST AID PROCEDURES:  
...INHALATION - NO ADVERSE REACTION EXPECTED..  
...EYES - IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, KEEPING LIDS APART. GET IMMEDIATE MEDICAL ATTENTION. DILUTED SOLUTION CAUSES MINIMAL IRRITATION.  
...SKIN - SEE "EYES." REMOVE CLOTHING IF CONTAMINATED.  
...INGESTION - DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION.

**\*\*\*SECTION VI: REACTIVITY DATA\*\*\***

STABILITY: STABLE  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: DO NOT STORE IN METAL CONTAINERS OR AT HIGH TEMPERATURES AND IN DIRECT SUNLIGHT.  
MATERIALS TO AVOID: DO NOT MIX WITH OTHER CHEMICALS. KEEP AWAY FROM COMBUSTIBLE MATERIALS, METALS, ALKALIES, ETC. INCOMPATIBLE WITH ACIDS.

**\*\*\*SECTION VII: SPILL OR LEAK PROCEDURES\*\*\***

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL. DO NOT CONTAMINATE WATER, FOOD OR FEED.  
WASTE DISPOSAL: OPEN DUMPING PROHIBITED. CONSULT LOCAL, STATE AND FEDERAL LAWS TO DISPOSE OF IN COMPLIANCE WITH SUCH LAWS.

**\*\*\*SECTION VIII: SPECIAL PROTECTION INFORMATION\*\*\***

RESPIRATORY PROTECTION: NONE REQUIRED IF ADEQUATE VENTILATION. IF HIGH CONCENTRATIONS, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ACIDS.  
VENTILATION TYPE: MECHANICAL.  
PROTECTIVE GLOVES: RUBBER GLOVES.  
EYE PROTECTION: SAFETY GLASSES OR GOGGLES, FACE SHIELD.  
OTHER PROTECTIVE EQUIPMENT: NONE REQUIRED.

**\*\*\*SECTION IX: SPECIAL PRECAUTIONS\*\*\***

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP UNDER LOCKED STORAGE SUFFICIENT TO MAKE IT INACCESSIBLE TO CHILDREN OR PERSONS UNFAMILIAR WITH ITS USE.  
OTHER PRECAUTIONS: DO NOT TAKE INTERNALLY. WASH HANDS THOROUGHLY AFTER USE. KEEP CONTAINERS CLOSED. KEEP OUT OF REACH OF CHILDREN. TRIPLE RINSE EMPTY CONTAINERS BEFORE DISPOSING. DO NOT REUSE EMPTY CONTAINER.