

INDUSTRIAL CHEMICAL COMMODITIES INC -- LC-01, OPTICAL LEN CLEANER TYPE 1 --  
6850-00-392-9751

===== Product Identification =====

Product ID:LC-01, OPTICAL LEN CLEANER TYPE 1  
MSDS Date:11/10/1999  
FSC:6850  
NIIN:00-392-9751  
Status Code:A  
MSDS Number: CKBSR  
=== Responsible Party ===  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US

Info Phone Num:800-284-5279 FAX 301-947-2671  
Emergency Phone Num:800-424-9300  
Resp. Party Other MSDS Num.:D-16791, TYPE 1  
Preparer's Name:TIM DAWSON  
Chemtrec Ind/Phone:(800)424-9300  
CAGE:1ELU0

=== Contractor Identification ===  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
Box:City:ROCKVILLE  
State:MD  
ZIP:20855  
Country:US

Phone:800-284-5279  
Contract Num:SP0450-00-M-D509  
CAGE:1ELU0  
Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC  
Address:15944 DERWOOD RD  
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State:MD  
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Country:US  
Phone:800-284-5279  
Contract Num:SP0450-99-M-NE53  
CAGE:1ELU0

===== Composition/Information on Ingredients =====

Ingred Name:DETREGENT MIL-D-16791  
CAS:68412-54-4  
= Wt:15.

Ingred Name:DEIONIZED WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
= Wt:79.9

Ingred Name:DENATURED ALCOHOL NO.3A

lth Hazards Acute and Chronic:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Explanation of Carcinogenicity:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Effects of Overexposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== First Aid Measures =====

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE HOLDING EYELIDS OPEN. SKIN: WASH THOROUGHLY WITH SOAP & WATER. DO NOT WEAR CONTAMINATED CLOTHING. INHALATION: REMOVE VICTIM TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF VICTIM IS NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. CONSULT PHYSICIAN IMMEDIATELY. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SEEK IMM EDIATE MEDICAL ADVICE.

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===== Fire Fighting Measures =====

Flash Point:=36.1C, 97.F  
Extinguishing Media:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Fire Fighting Procedures:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Unusual Fire/Explosion Hazard:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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===== Accidental Release Measures =====

Spill Release Procedures:FLUSH WITH WATER.  
Neutralizing Agent:WATER.

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===== Handling and Storage =====

Handling and Storage Precautions:STORE IN WELL VENTILATED AREA. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.  
Other Precautions:DO NOT TAKE INTERNALLY. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. PRODUCT WILL FREEZE.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE GENERAL (MECHANICAL) ROOM VENTILATION.  
Ventilation:LOCAL/GENERAL AS NEEDED TO MAINTAIN PEL/TLV.  
Protective Gloves:NOT REQUIRED  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER, WORK CLOTHING AND APRON AS REQUIRED.  
Work Hygienic P

ractices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. WASH THOROUGHLY BEFORE EATING OR DRINKING.

Supplemental Safety and Health

PRODUCT CERTIFICATION OF ANALYSIS PROVIDED BY SPECTRUM ANALYSIS:

SPECIALLY DENATURED ALCOHOL 3A, 95.56%; WATER, 0.004%; COLOR (ALPHA)- 5; RESIDUE AFTER EVAPORATION, 0.0003%.

===== Physical/Chemical Properties =====

HCC:F3

Boiling Pt:=174.4C, 346.F

Vapor Pres:NONE

Vapor Density:0.62

Spec Gravity:0.90 (WATER =1)

pH:5

Viscosity:LIKE WATER

Evaporation Rate & Reference:0.1 (N-BUTYL ACETATE=1)

Solubility in Water:COMPLETE

Appearance and Odor:ALCOHOL ODOR, WATER WHITE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NO DATA PROVIDED BY RESPONSIBLE PARTY.

Stability Condition to Avoid:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Hazardous Decomposition Products:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Toxicological Information =

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Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Disposal Considerations =====

Waste Disposal Methods:USE WASTE DISPOSAL CONTAINER. ABSORB WITH DRY EARTH OR SAND.

===== MSDS Transport Information =====

Transport Information:FLAMMABLE LIQUID, N.O.S., 3, UN1993, PGIII,

LIMITED QUANTITY.

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===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.  
State Regulatory Information:CALIFORNIA PROPOSITION 65 WARNING: THIS  
PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO  
CAUSE CANCER. CHEMICAL INGREDIENT(S) REQUIRING THIS WARNING: ETHYL  
ALCOHOL 200 PROOF. THIS PRODUCT CONTAINS A CHEMICAL KNOWN  
TO THE  
STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE  
HARM. CHEMICAL INGREDIENT(S) REQUIRING THIS WARNING: ETHYL ALCOHOL  
200 PROOF.

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===== Other Information =====

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