MSDS NAME: 84-1481, ACETONE, LAB GRADE, 500ML
Status Code: A
MSDS Number: CKLXK

=== Responsible Party ===
Company: CAROLINA BIOLOGICAL SUPPLY CO
Address: 2700 YORK RD
City: BURLINGTON
State: NC
ZIP: 27215-3387
Country: US
Info Phone Num: 800-227-1150
Emergency Phone Num: 800-227-1150
Chemtrec Ind/Phone: (800) 424-9300
CAGE: 59896

=== Contractor Identification ===
Company: CAROLINA BIOLOGICAL SUPPLY CO
Address: 2700 YORK RD
Box: City: BURLINGTON
State: NC
ZIP: 27215-3387
Country: US
Phone: 800-227-1150/910-584-0381
Contract Num: MDA414-00-P-3061
CAGE: 59896

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

Name: ACETONE
CAS: 67-64-1
RTECS #: AL3150000
= Wt: 100.
OSHA PEL: 2400 MG/M3; 1000 PPM
ACGIH TLV: 1780 MG/M3; 750 PPM
ACGIH STEL: 2380 MG/M3; 1000 PPM
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

============= Hazards Identification ===============

LD50 LC50 Mixture: ORAL-RAT LD50: 5,800 MG/KG
Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
Health Hazards Acute and Chronic: TARGET ORGANS: RESPIRATORY SYSTEM,
EYES, SKIN AND CNS. EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE
IRRITATION. INGESTION: MAY CAUSE GASTROINTESTINAL DISCOMFORT.
INHALATION: MAY CAUSE IRRITATION TO RESPIRATORY TRACT.
Explanation of Carcinogenicity: NOT LISTED AS CAUSING CANCER BY IARC,
NTP, OR OSHA.
Medical Cond Aggravated by Exposure: RESPIRATORY, EYES, AND SKIN
DISORDERS.

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

First Aid: EYES-FLUSH WITH WATER FOR 15 MINS, RAISING & LOWERING EYELIDS
OCCASIONALLY. GET MEDICAL AID IF IRRITATION PERSISTS.
SKIN-THOROUGHLY WASH EXPOSED AREA FOR 15 MINS. REMOVE CONTAMINATED
CLOTHING. GET MEDICAL AID IF IRRITATION PERSISTS. INGESTION-IF
SWALLOWED, IF CONSCIOUS, GIVE PLENTY OF WATER & INDUCE VOMITING
IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. IMMEDIATELY CALL A
PHYSICIAN OR POISON CONTROL CENTER. NEVER GIVE ANYTHING BY MOUTH
TO AN UNCONSCIOUS PERSON. INHALATION—REMOVE TO FRESH AIR. GIVE
OXYGEN IF BREATHING IS DIFFICULT; GIVE ARTIFICIAL RESPIRATION IF
BREATHING HAS STOPPED. KEEP PERSONS ON WARM, QUIET, & GET MEDICAL AID.

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

Flash Point Method: CC
Flash Point: -17.6°C, 0°F
Autoignition Temp: =465°C, 869°F
Lower Limits: 2.6
Upper Limits: 12.8
Extinguishing Media: USE DRY CHEMICAL, CO2, OR APPROPRIATE FOAM.
Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR FULL PROTECTIVE
EQUIPMENT AND NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: VAPOR MAY TRAVEL DISTANCES TO IGNITION
SOURCES.

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

Spill Release Procedures: VENTILATE AREA OF SPILL. ELIMINATE ALL SOURCES
OF IGNITION. REMOVE ALL NON-ESSENTIAL PERSONNEL FROM AREA. CLEAN-UP
PERSONNEL SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND CLOTHING.
ABSORB MATERIAL WITH SUITABLE ABSORBENT AND CONTAINERIZE FOR
DISPOSAL.

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

Handling and Storage Precautions: STORE IN A TIGHTLY CLOSED CONTAINER IN
A COOL DRY PLACE. KEEP AWAY FROM IGNITION SOURCES.
Other Precautions: RETAINED RESIDUE MAY MAKE EMPTY CONTAINERS HAZARDOUS.

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

Respiratory Protection: A NIOSH/MSHA CHEMICAL CARTRIDGE RESPIRATOR
SHOULD BE WORN IF PEL OR TLV IS EXCEEDED.
Ventilation: LOCAL EXHAUST: PREFERRED. MECHANICAL: ACCEPTED.
Protective Gloves: RUBBER, BUTYL OR EQUIVALENT.
Eye Protection: SPLASH PROOF CHEMICAL SAFETY GOGGLES.
Other Protective Equipment: LAB COAT, EYE WASH AND SAFETY
SHOWER. CAROLINA PRODUCT CODES: 84-1481, 84-1483, BM6010, GEO6232,
120ML, 500ML, 1 GAL.
Work Hygienic Practices: LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.
Supplemental Safety and Health
CAROLINA PRODUCT CODES: 84-1481, 84-1483, BM6010, GEO6232, 120ML,
500ML, 1 GAL.

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

HCC: F2
Boiling Pt: =56°C, 132.8°F
Melt/Freeze Pt: =-95°C, -139°F
Vapor Pres: 181020C
Vapor Density: 2.0
Spec Gravity: 0.79
Evaporation Rate & Reference: 14.4 (BUAC=1)
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR, COLORLESS LIQUID WITH A SWEET ODOR.
Percent Volatiles by Volume: 100%

================== Stability and Reactivity Data ===================
Stability Indicator/Materials to Avoid: YES
ACIDS, OXIDIZERS, POTASSIUM T-BUTOXIDE, BROMINE, CHLORINE.
Stability Condition to Avoid: HEAT WITH IGNITION SOURCES.
Hazardous Decomposition Products: COX.

============ Toxicological Information =============
Toxicological Information: IHL-RAT LC50: 16,000 PPM/4H. CHRONIC:
MUTATION AND REPRODUCTIVE DATA CITED.

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

================= Disposal Considerations =================
Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE
FEDERAL, STATE AND LOCAL REGULATIONS. ALWAYS CONTACT A PERMITTED
WASTE DISPOSER (TSD) TO ASSURE COMPLIANCE.

================= MSDS Transport Information ===============
Transport Information: SHIPPING NAME: SCETONE, 3, UN1090, II.
*** CONSUMER COMMODITY/ORM-D FOR 500 ML BOTTLE. ***

=============== Regulatory Information ================
SARA Title III Information: HAZARD CATEGORY FOR SARA SECTION 311/312
REPORTING: ACUTE, CHRONIC. SARA EHS SECTION 302 TPQ (LBS.): NO.
SARA SECTION 313 CHEMICALS NAME LIST: YES. CHEMICAL CATEGORY: NO.
Federal Regulatory Information: EPA TSCA STATUS: ON TSCA INVENTORY.
CERCLA SECTION 103 RQ (LBS): 5,000. RCRA SECTION 261.33: YES.

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