

AL-DON CHEMICALS INC -- STEARIC ACID -- 6810-00-664-3637

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

Product ID:STEARIC ACID

MSDS Date:01/29/1996

FSC:6810

NIIN:00-664-3637

Status Code:A

MSDS Number: CJWMF

=== Responsible Party ===

Company Name:AL-DON CHEMICALS INC

Address:1533 W HENRIETTA RD

City:AVON

State:NY

ZIP:14414-9508

Country:US

Emergency Phone Num:716-226-6177/800-424-9300(CHEMTREC)

Preparer's Name

:MICHAEL RASZEJA

CAGE:6V042

=== Contractor Identification ===

Company Name:AL-DON CHEMICALS INC

Address:1533 W HENRIETTA RD

Box:City:AVON

State:NY

ZIP:14414-9508

Country:US

Phone:716-226-6177

CAGE:6V042

Company Name:WARDS NATURAL SCIENCE ESTABLISHMENT INC

Address:5100 W HENRIETTA RD

Box:92912

City:ROCHESTER

State:NY

ZIP:14692-9012

Country:US

Phone:(716) 359-2502

Contract Num:MDA414-98-A-0024-0127

CAGE:63759

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

Ingred Name:STEARI

C ACID  
CAS:57-11-4  
RTECS #:WI2800000  
= Wt:100.  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:STEARIC ACID IS PRACTICALLY NON-TOXIC.  
INHALE: MAY CAUSE IRRITATION OF THE UPPER RESPIRATORY TRACT. EYES:  
NO SPECIFIC HAZARD IS KNOWN. HOWEVER, ANY MATERIAL THAT CONTACTS  
THE EYE MAY BE IRRITATING.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:IRRITATION.  
Medical Condition Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN  
DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE  
MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH  
AIR. EYES:FLUSH WITH WATER FOR 15 MINUTES.  
HOLD EYELIDS OPEN.  
SKIN:FLUSH WITH WATER, THEN WASH SKIN WITH SOAP & WATER. ORAL: IF  
SWALLOWED , IF CONSCIOUS, GIVE WATER TO DRINK AND CALL PHYSICIAN.  
NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:CC  
Flash Point:=-196.1C, 385.F  
Autoignition Temp:=-395.C, 743.F  
Lower Limits:NOT RELEVANT  
Upper Limits:NOT RELEVANT  
Extinguishing Media:CARBON DIOXIDE (CO2), FOAM OR DRY CHEMICAL (ABC).  
USE

WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:MELTED STEARIC ACID SHOULD BE HANDLED LIKE A GREASE FIRE WITH KNOWLEDGE THAT IT CAN FLOAT ON WATER AND SPREAD. IN FIRE CONDITIONS, WEAR A NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCT; CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS. SUSCEPTIBLE TO SPONTANEOUS HEATING. THIS MATERIAL IN POWDER FORM IS CAPABLE OF CREATI NG A DUST EXPLOSION.

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. RECOVER FOR USE IF NOT CONTAMINATED. CAREFULLY SWEEP UP SPILL. AVOID CREATING DUST. PLACE IN APPROPRIATE CONTAINER FOR DISPOSAL. VENTILATE AREA AND WASH SPILL SITE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE A WAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY CLOSED. USE IN VENTILATED AREA.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUSTS. KEEP OUT OF REACH OF CHILDREN. FOR LABORATORY USE ONLY. NOT FOR DRUG, FOOD/HOUSEHOLD USE. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE NEEDED IN NORMAL LABORATORY HANDLING. IF DUSTY SITUATIONS PREVAIL, WORK IN VENTI LATION HOOD OR WEAR NIOSH-APPROVED DUST RESPIRATOR OR MASK.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP DUST LEVELS AS LOW AS POSSIBLE.

Protective Gloves:BUTYL RUBBER IF SENSITIVE

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING AND/OR UNIFORM

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH AFTER HANDLING AND BEFORE EATING OR DRINKING.

Suppl

## emental Safety and Health

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:=382.8C, 721.F

Melt/Freeze Pt:=68.9C, 156.F

Spec Gravity:0.847

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:VERY SLIGHT

Appearance and Odor:WHITE FLAKES, CRUSHED FLAKES OR GRANULES

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING

AGENTS SUCH AS HYDROGEN PEROXIDE, BROMINE AND CHROMIC  
ACID

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, SMOKE

### ===== Disposal Considerations =====

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT  
TO FEDERAL, STATE OR LOCAL REGULATIONS. INCINERATION IS  
RECOMMENDED.

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