

VAN WATERS AND ROGERS -- EMERSOL 132 STEARIC ACID;USP FLAKE FORM -- 6810-00-664-3637

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

Product ID:EMERSOL 132 STEARIC ACID;USP FLAKE FORM

MSDS Date:01/09/1990

FSC:6810

NIIN:00-664-3637

MSDS Number: BFKNB

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:1600 NORTH BLDG.

City:SEATTLE

State:WA

ZIP:93104-1564

Country:US

Info Phone Num:408-435-8700

E

mergency Phone Num:408-435-8700

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Phone:408-435-8700/800-424-9300(CHEMTREC)

CAGE:0AN91

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

Ingred Name:PALMITIC ACID

CAS:57-10

-3  
RTECS #:RT4550000  
Fraction by Wt: 50.0%

Ingred Name:STEARIC ACID  
CAS:57-11-4  
RTECS #:WI2800000  
Fraction by Wt: 35.0%

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

LD50 LC50 Mixture:ORAL RATS LD50 >10G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:NO SPECIFIC INFORMATION PER MSDS; MAY  
CAUSE IRRITATION OF EYES,SKIN,RESPIRATORY OR G,I.TRACT,AVOID  
INHALATION OF FLA  
KES OR DUST.  
Explanation of Carcinogenicity:DATA PER MGF MSDS.  
Effects of Overexposure:EYE & SKIN IRRITANT  
Medical Cond Aggravated by Exposure:NONE REPORTED

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

First Aid:EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT  
15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.INHALATION:REMOVE  
TO FRESH AIR;CALL A PHYSICIAN.INGESTION:SEEK MEDICAL ATTENTION  
IMMEDIATELY.

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

Flash Point Method:COC  
Flash Point:>350F,>177C  
Autoignition Temp:Autoignition Temp Text:743F  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:STEARIC ACID IS A FLAMMABLE DUST.IN  
CONFINED SPACE,IT MAY EXPLODE.

=====

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

Spill Release Procedures:USE PROPER PERSONAL PROTECTION;SWEEP UP OR VACUUM AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

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

Handling and Storage Precautions:STORE IN COOL,DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT,SHOCK,FRICITION. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE & SKIN CONTACT

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

Respiratory Protection:USE NIOSH/MSHA APPROVED RESPIRATOR FOR DUST/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:LOCAL/GENERAL TO MAINTAIN PEL/TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES/GOGGLES

Other Protective Equipment:PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST/DUST.WASH THOROUGHLY AFTER EACH USE;DO NOT EAT,DRINK,SMOKE.

Supplemental Safety and Health

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

HCC:N1

Boiling Pt:B.P. Text:>700F,>371C

Melt/Freeze Pt:M.P/F.P Text:127F,53C

Vapor Pres:1.0

Spec Gravity:0.849

Evaporation Rate & Reference:NIL

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE,WAXY FLAKES OR POWDER WITH A FATTY ACID ODOR

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS ,ACIDS AND

## ALKALIES

Stability Condition to Avoid:HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products:NOT SPECIFIED

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

Waste Disposal Methods:CONSULT LOCAL AUTHORITIES;DISPOSAL MUST BE IN  
ACCORDANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of  
America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.