

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

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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 ==  
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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.

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===== 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

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