

SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV -- C8392, CLOVE OIL -- 6810-00F032229

<pre>===== Product Identification =====

Product ID:C8392, CLOVE OIL
MSDS Date:07/27/1993
FSC:6810
NIIN:00F032229
MSDS Number: BSZCZ
=== Responsible Party ===
Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV
Address:3050 SPRUCE ST
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Info Phone Num:800-325-3010
Emergency Phone Num:800-325-3010/314-771-5765
CAGE:0DK69
=== Contractor Identification ===
Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV
Address:3050 SPRUCE ST
Box:City:ST LOUIS
State:MO
ZIP:63103-2530
Country:US
Phone:314-771-5765
CAGE:0DK69

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

Ingred Name:CLOVE OIL
CAS:8000-34-8
RTECS #:GF6890000

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

LD50 LC50 Mixture:ORAL LD50 (RAT): 2650 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYES & SKIN: IRRITATION. INHALATION:
IRRITATION OF MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT.
ABSORPTION HAZARD.
Explanation of Carcinogenicity:NONE

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

First Aid:INGESTION: WASH OUT MOUTH W/WATER. SKIN & EYES: FLUSH W/WATER
FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. IF BREATHING
DIFFICULT, CALL A PHYSICIAN. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL POWDER, FOAM
Fire Fighting Procedures:WEAR SCBA & PROTECTIVE CLOTHING

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

Spill Release Procedures:WEAR PROTECTIVE CLOTHING. ABSORB ON SAND OR
VERMICULITE & PLACE IN CLOSED CONTAINERS. VENTILATE AREA. WASH AREA
AFTER MATERIAL PICK-UP IS COMPLETE.

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

Handling and Storage Precautions:STORE IN COOL, DRY PLACE.

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

Respiratory Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation:MECHANICAL EXHAUST
Protective Gloves:CHEMICAL RESISTANT
Eye Protection:SAFETY GOGGLES
Other Protective Equipment:OTHER PROTECTIVE CLOTHING
Supplemental Safety and Health
REMOVE CONTAMINATED CLOTHING & SHOES.

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

Appearance and Odor:LIQUID, STRONG ODOR OF CLOVES

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

Stability Indicator/Materials to Avoid:YES
Stability Condition to Avoid:LIGHT

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

Waste Disposal Methods:DISSOLVE MATERIAL W/COMBUSTIBLE SOLVENT & BURN
IN A CHEMICAL INCINERATOR WITH AN AFTERBURNER & SCRUBBERS I/A/W
LOCAL, STATE & FEDERAL REGULATIONS.

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