SIGMA CHEMICAL COMPANY -- L4386 L-15 MEDIUM LEIBOVITZ -- 6640-00F044642

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

Product ID:L4386 L-15 MEDIUM LEIBOVITZ
MSDS Date:08/15/1995
FSC:6640
NIIN:00F044642
MSDS Number: BYKQK
=== Responsible Party ===
Company Name:SIGMA CHEMICAL COMPANY
Address:3050 SPRUCE ST
Box:14508
City:SAINT LOUIS
State:MO
ZIP:63178-5000
Country:US
Info Phone Num:314-771-5765/800-325-3010
Emergency Phone Num:314-771-5765/800-325-3010
CAGE:21076
=== Contractor Identification ===
Company Name:SIGMA CHEMICAL COMPANY
Address:3050 SPRUCE ST
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Phone:314-771-5765
CAGE:21076

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

Ingred Name:L-15 MEDIUM LEIBOVITZ

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY BE HARMFUL BY INHALATION, INGESTION/SKIN ABSORPTION. MAY CAUSE EYE & SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. MAY AFFECT THE CENTRAL NERVOUS SYSTEM & GASTROINTESTINAL SYSTEM & KIDNEYS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION

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

First Aid:INGESTION: WASH OUT MOUTH W/WATER IF CONSCIOUS. SKIN: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:WATER SPRAY, CO2, DRY CHEMICAL POWDER/APPROPRIATE FOAM
Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN & EYES.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP IS COMPLETE.

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

Handling and Storage Precautions:WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES & EYE/FACE PROTECTION.
Other Precautions:PREVENT CONTACT W/SKIN & EYES.

========== 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:FULL PROTECTIVE CLOTHING
Work Hygienic Practices:REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.
Supplemental Safety and Health

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

Appearance and Odor:SOLID

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

Stability Indicator/Materials to Avoid:YES
Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES, SULFUR OXIDES, HYDROGEN CHLORIDE GAS

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

Waste Disposal Methods:DISSOLVE/MIX THE MATERIAL W/A COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS.

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