

SIGMA CHEMICAL -- 29324-5 1-OCTANOL,99%,HPLC GRADE
MATERIAL SAFETY DATA SHEET
NSN: 681000F048530
Manufacturer's CAGE: 21076
Part No. Indicator: A
Part Number/Trade Name: 29324-5 1-OCTANOL,99%,HPLC GRADE

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General Information
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Company's Name: SIGMA CHEMICAL COMPANY
Company's Street: 3050 SPRUCE ST
Company's P. O. Box: 14508
Company's City: SAINT LOUIS
Company's State: MO
Company's Country: US
Company's Zip Code: 63178-5000
Company's Emerg Ph #: 314-771-5765/800-325-3010
Company's Info Ph #: 314-771-5765/800-325-3010
Distributor/Vendor # 1: ALDRICH CHEMICAL CO SUB OF SIGMA-ALDRICH
Distributor/Vendor # 1 Cage: 60928
Distributor/Vendor # 2: FLUKA CHEMICAL CORP
Distributor/Vendor # 2 Cage: 63181
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 01FEB95
Safety Data Review Date: 19JUN96
Preparer's Company: SIGMA CHEMICAL COMPANY
Preparer's St Or P. O. Box: 3050 SPRUCE ST
Preparer's City: SAINT LOUIS
Preparer's State: MO
Preparer's Zip Code: 63178-5000
MSDS Serial Number: BZFNP

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Ingredients/Identity Information
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Proprietary: NO
Ingredient: OCTANOL, OCTYL ALCOHOL
Ingredient Sequence Number: 01
Percent: 99
NIOSH (RTECS) Number: RH6550000
CAS Number: 111-87-5

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Physical/Chemical Characteristics
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Appearance And Odor: COLORLESS LIQUID
Boiling Point: 384.8F
Melting Point: 5F
Vapor Pressure (MM Hg/70 F): 0.14
Vapor Density (Air=1): 4.5
Specific Gravity: 0.827

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Fire and Explosion Hazard Data
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Flash Point: 178F

Extinguishing Media: CO2, DRY CHEMICAL POWDER/APPROPRIATE FOAM.
Special Fire Fighting Proc: WEAR SCBA & PROTECTIVE CLOTHING.
Unusual Fire And Expl Hazrds: COMBUSTIBLE. AUTOIGNITION TEMP: 523F.

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Reactivity Data
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Stability: YES
Cond To Avoid (Stability): HEAT, OPEN FLAME
Materials To Avoid: ACIDS, ACID CHLORIDES, OXIDIZING AGENTS
Hazardous Decomp Products: COMBUSTION: CO, CO2
Hazardous Poly Occur: NO
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Health Hazard Data
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LD50-LC50 Mixture: ORAL LD50 (MOUSE): 1790 MG/KG
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: HARMFUL IF INGESTED, INHALED/ABSORBED
THROUGH SKIN. VAPOR/MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES &
UPPER RESPIRATORY TRACT. SKIN: IRRITATION & MAY CAUSE ALLERGIC SKIN
REACTION, CNS DEPRESSION. NARCOTIC EFFECT.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: IRRITATION, NAUSEA, HEADACHE, VOMITING.
Emergency/First Aid Proc: SKIN: IMMEDIATELY WASH W/SOAP & COPIOUS AMOUNTS
OF WATER. EYES: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR 15 MINS.
INHALATION: REMOVE TO FRESH AIR. GIVE CPR/OXYGEN IF NEEDED. INGESTION: WASH
OUT MOUTH W/WATER IF CONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.
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Precautions for Safe Handling and Use
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Steps If Matl Released/Spill: EVACUATE AREA. WEAR SCBA, RUBBER BOOTS &
HEAVY RUBBER GLOVES. ABSORB ON SAND/VERMICULITE & PLACE IN CLOSED
CONTAINERS FOR DISPOSAL. VENTILATE AREA & WASH SITE AFTER MATERIAL PICKUP
IS COMPLETE.
Waste Disposal Method: COMBUSTIBLE MATERIAL MAY BE BURNED IN A CHEMICAL
INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER IAW/FEDERAL, STATE & LOCAL
REGULATIONS.
Precautions-Handling/Storing: KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT &
OPEN FLAME. STORE IN A COOL DRY PLACE.
Other Precautions: DON'T BREATHE VAPOR. DON'T GET IN EYES, SKIN/CLOTHING.
HARMFUL LIQUID.
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Control Measures
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation: MECHANICAL EXHAUST REQUIRED
Protective Gloves: RUBBER
Eye Protection: CHEMICAL SAFETY GOGGLES
Other Protective Equipment: SAFETY SHOWER & EYE BATH, PROTECTIVE CLOTHING.
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Transportation Data
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Disposal Data

Label Data

Label Required: YES
Label Status: G
Common Name: 29324-5 1-OCTANOL,99%,HPLC GRADE
Special Hazard Precautions: HARMFUL IF INGESTED, INHALED/ABSORBED THROUGH SKIN. VAPOR/MIST IS IRRITATING TO THE EYES, MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. SKIN: IRRITATION & MAY CAUSE ALLERGIC SKIN REACTION, CNS DEPRESSION. NARCOTIC EFFECT. IRRITATION, NAUSEA, HEADACHE, VOMITING.
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