

SIGMA CHEMICAL CO -- DELTA-9-TETRAHYDROCANNABINOL
METHANOL SOLUT -- 6810-00N037377

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Product Identification
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Product ID:DELTA-9-TETRAHYDROCANNABINOL METHANOL SOLUT
MSDS Date:11/29/1991
FSC:6810
NIIN:00N037377
MSDS Number: BQTVS
=== Responsible Party ===
Company Name:SIGMA CHEMICAL CO
Box:14508
City:ST LOUIS
State:MO
ZIP:63178
Country:US
Info Phone Num:800-325-3010; 314-771-5750
Emergency Phone Num:314-771-5765
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

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Composition/Information on Ingredients
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Ingred Name:DELTA-9-TETRAHYDROCANNABINOL METHANOL
CAS:1972-08-3

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Hazards Identification
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:HARMFUL IF SWALLOWED,
INHALED/ABSORBED THROUGH SKIN. EXPOSURE CAN CAUSE:NAUSEA, DIZZ &
HDCH. OTHER EFTS INCLUDE SLOWED SPEECH, ATAXIA, SOMNOLENCE, MILD
EUPHORIA, HEIGHTENED SENSORY AWARENESS, GENERALLY RELAXED FEELING
OF WELL BEING &SOME ALTERATION OF TIME PERCEPTION, DECREASE IN
MOTOR COORD, (EFTS OF OVEREXP)
Explanation of Carcinogenicity:NOT RELEVANT
Effects of Overexposure:HTLH HAZ:MUSCLE STRENGTH & HAND STEADINESS &
INCREASE IN RXN TIME. SHORT TERM MEMORY FUNCTION IS IMPAIRED AS IS
ABILITY TO ACCOMPLISH TASKS REQUIRING MULTIPLE MENTAL STEPS. THERE
IS ENHANCEMENT OF APP ETITE, LAPSES OF ATTENTION, DECREASE INSOCIAL
INHIBITION & ALTERATION OF MOOD, WHICH CAN INDUCE GIDD
MANIFESTED(SUPDAT)
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid: EYES: FLUSH W/COPIOUS AMTS OF WATER FOR AT LST 15 MINS. ASSURE ADEQ FLUSHING BY SEPARATING EYELIDS W/FINGERS. CALL MD. SKIN: FLUSH W/COPIOUS AMTS OF WATER FOR AT LST 15 MINS. REMOVE CONTAM CLTHG & SHOES . CALL MD. INHAL: REMOVE TO FRESH AIR. IF BRTHG BECOMES DFCLT, CALL MD. INGEST: WASH OUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS. CALL MD.

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Fire Fighting Measures
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Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.
Fire Fighting Procedures: WEAR NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT .
Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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Accidental Release Measures
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Spill Release Procedures: WEAR NIOSH/MSHA APPROVED SCBA, RUBBER BOOTS & HEAVY RUBBER GLOVES. ABSORB ON SAND/VERMICULITE & PLACE IN CLOSED CONTAINERS FOR DISPOSAL. VENT AREA & WASH SPILL SITE AFTER MATL PICKUP IS COMPLETE.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM SOURCES OF IGNITION. NO SMOKING. DO NOT BREATHE VAPOR.
Other Precautions: FLAMMABLE. TOXIC. DANGER: POISON. CANNOT BE MADE NON-POISONOUS.

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Exposure Controls/Personal Protection
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Respiratory Protection: USE NIOSH/MSHA APPROVED RESPIRATOR.
Ventilation: MECHANICAL EXHAUST REQUIRED.
Protective Gloves: CHEMICAL-RESISTANT GLOVES.
Eye Protection: CHEMICAL WORKERS GOGGLES .
Other Protective Equipment: OTHER PROTECTIVE CLOTHING.
Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.
Supplemental Safety and Health
EFTS OF OVEREXP: BY LAUGHING EPISODES. MAY BE FATAL OR CAUSE BLINDNESS IF SWALLOWED. TARGET ORGANS: EYES, KIDNEYS. CHRONIC: POSSIBLE MUTAGEN/TERATOGEN. OVEREXP MAY CAUSE REPRO DISORDER(S) BASED ON TESTS W/LAB ANIMALS. MAY HAVE POTENT EFT ON CNS & CVS SYSTEMS. CAN BE IMMUNOSUPPRESSIVE.

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Physical/Chemical Properties
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Appearance and Odor: LIQUID.

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid: YES
NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.
Hazardous Decomposition Products:NATURE OF DECOMPOSITION PRODUCTS NOT
KNOWN.

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

Waste Disposal Methods:DISPOSAL MUST BE I/A/W FEDERAL, STATE & LOCAL
REGULATIONS . DISSOLVE OR MIX MATL W/COMBUSTIBLE SOLVENT & BURN IN
A CHEMICAL INCINERATOR EQUIPPED W/AFTERBURNER & SCRUBBER.

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