

RADIAN CORPORATION -- HYDROCODONE IN METHANOL -- 6550-00F041304

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Product Identification
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Product ID:HYDROCODONE IN METHANOL
MSDS Date:05/21/1990
FSC:6550
NIIN:00F041304
MSDS Number: BXNLR
=== Responsible Party ===
Company Name:RADIAN CORPORATION
Address:8501 NORTH MOPAC BLVD
Box:201088
City:AUSTIN
State:TX
ZIP:78720-1088
Country:US
Info Phone Num:512-454-4797
Emergency Phone Num:512-454-4797
CAGE:29913

=== Contractor Identification ===

Company Name:RADIAN INTL LLC
Address:8501 N MOPAC BLVD
Box:201088
City:AUSTIN
State:TX
ZIP:78720-1088
Country:US
Phone:512-419-5224
CAGE:29913

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Composition/Information on Ingredients
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Ingred Name:HYDROCODONE *95-2*
CAS:125-29-1
RTECS #:QD2800000
Fraction by Wt: 0.1%

Ingred Name:METHANOL (METHYL ALCOHOL), COLUMBIAN SPIRITS *95-2*
CAS:67-56-1
RTECS #:PC1400000
Fraction by Wt: 99.9%
Other REC Limits:200 PPM
OSHA PEL:260 MG/CUM
ACGIH TLV:262 MG/CUM (SKIN)
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazards Identification
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:METHANOL-SKIN: IRRITATION &
ABSORPTION. EYES: IRRITATION, CORNEAL DAMAGE & CNS DEPRESSION.

HYDROCODONE-MAY CAUSE HABITUATION & ADDICTION. INHALATION:
RESPIRATORY DEPRESSION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:METHANOL CAUSES BLINDNESS. IRRITATION,
NARCOSIS, BURNING SENSATION, COUGHING, WHEEZING, LARYNGITIS,
SHORTNESS OF BREATH, HEADACHE, NAUSEA, VOMITING, CONVULSIONS,
FATIGUE, DROWSINESS, RESTLESSNESS, DIZ ZINESS, SEDATION, EUPHORIA,
CIRCULATORYCOLLAPSE/CARDIAC ARREST, HYPOTENSION, STUPOR, COMA,
COLD/CLAMMY SKIN/BRADYCARDIA

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First Aid Measures
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First Aid:INGESTION: GIVE LARGE QUANTITIES OF LIQUID. SKIN: WASH AREAS
W/LARGE AMOUNTS OF WATER. INHALATION: IF BREATHING HAS STOPPED,
GIVE CPR IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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Fire Fighting Measures
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Flash Point Method:CC
Flash Point:52F
Lower Limits:6
Upper Limits:36.5
Extinguishing Media:DRY CHEMICAL, CO2, HALON
Unusual Fire/Explosion Hazard:FLASHBACK ALONG VAPOR TRAIL MAY OCCUR.

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Accidental Release Measures
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Spill Release Procedures:REMOVE SOURCES OF IGNITION. USE ABSORBENT
PAPER TO PICK UP MATERIAL. SOAK ABSORBENT PAPER IN AN APPROPRIATE
SOLVENT SUCH AS TOLUENE/ALCOHOL TO PICK UP REMAINING TRACES.

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Handling and Storage
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Handling and Storage Precautions:STORE AT 32F. PROTECT FROM LIGHT.
Other Precautions:AVOID INHALATION OF VAPORS.

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Exposure Controls/Personal Protection
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Respiratory Protection:CARTRIDGE TYPE RESPIRATOR W/ORGANIC VAPOR
CARTRIDGES RECOMMENDED.
Ventilation:LOCAL EXHAUST: USE W/FORCED VENTILATION. MECHANICAL
(GENERAL): NORMAL LABORATORY AIR EXCHANGE.
Protective Gloves:POLY VINYL CHLORIDE/NEOPRENE OVER LATEX
Work Hygienic Practices:ONLY EXPERIENCED PERSONNEL SHOULD BE ALLOWED TO
HANDLE THIS MATERIAL.
Supplemental Safety and Health
THE PHYSICAL/CHEMICAL CHARACTERISTIC & FIRE/EXPLOSION DATA INFORMATION
IS FOR METHANOL.

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Physical/Chemical Properties
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Boiling Pt:B.P. Text:148F (SUPP)
Melt/Freeze Pt:M.P/F.P Text:-144.4F
Vapor Pres:97
Vapor Density:1.11
Spec Gravity:0.7913

Evaporation Rate & Reference:(BU AC = 1): 5.9
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR COLORLESS LIQUID W/SLIGHT ALCOHOLIC ODOR

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

Stability Indicator/Materials to Avoid:YES
ACIDS, ACID CHLORIDES, ACID ANHYDRIDES, OXIDIZING AGENTS, REDUCING
AGENTS, ALKALI METALS.
Stability Condition to Avoid:HEAT, SPARKS/OTHER SOURCES OF IGNITION,
LIGHT.
Hazardous Decomposition Products:CO, CO2, NITROGEN OXIDES.

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

Waste Disposal Methods:WASTE MATERIALS SHOULD BE DISPOSED OF
IAW/FEDERAL, STATE & LOCAL REGULATIONS.

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