

DEXTER CORPORATION -- HYSOL HD5020 CATALYST 20 OR A -- 7510-00-888-8527

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

Product ID:HYSOL HD5020 CATALYST 20 OR A

MSDS Date:05/17/1989

FSC:7510

NIIN:00-888-8527

MSDS Number: BKYNT

=== Responsible Party ===

Company Name:DEXTER CORPORATION

Address:15051 DON JULIAN ROAD

Box:1282

City:INDUSTRY

State:CA

ZIP:91749-1282

Info Phone Num:(818) 968-6511

Emergency Phone Num:

(818) 916-9107

CAGE:79436

=== Contractor Identification ===

Company Name:DEXTER CORP DEXTER ELECTRONIC MATERIALS

Address:15051 E DON JULIAN RD

Box:City:INDUSTRY

State:CA

ZIP:91746-1282

Country:US

Phone:626-968-6511

CAGE:79436

Company Name:DEXTER CORP DEXTER ELECTRONIC MATERIALS DIV

Address:15051 E DON JULIAN RD

Box:City:LA PUENTE

State:CA

ZIP:91746

Country:US

Phone:818-968-6511

CAGE:12405

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

Ingred Name:TETRAETHYLENEPENTAMINE

CA

S:112-57-2
RTECS #:KH8585000
Fraction by Wt: 15-35%

Ingred Name:2-BUTOXYETHANOL
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 15-35%
Other REC Limits:25 PPM (SKIN)
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:VOL ORGANIC CMPD: 209 GM/L
RTECS #:9999999VO

Ingred Name:2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL, DMP-30
CAS:90-72-2
RTECS #:SN3500000
Fraction by Wt: 35-60%

Ingred Name:FORMALDEHYDE (SARA III)
CAS:50-00-0
RTECS #:LP8925000
Fraction by Wt: TRACE
OSHA PEL:SEE 1910.1048
ACGIH T
LV:C 0.3 PPM; A2; 9293
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:ORAL RATS LD50: 470 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: IRRITATION W/CORNEAL INJURY.
EFFECTS MAY BE SLOW TO HEAL. SKIN: IRRITATION, ABSORPTION OF
HARMFUL AMOUNTS. INGESTION: INJURY. INHALATION: ADVERSE, IRRITATION
TO
UPPER RESPIRATORY TRACT/LUNGS, BL OOD, LUNG, LIVER/KIDNEY
EFFECTS.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES: IRRITATION W/CORNEAL INJURY. SKIN:
IRRITATION. A SINGLE PROLONGED EXPOSURE MAY RESULT IN THE MATERIAL
BEIGN ABSORBED IN AMOUNTS WHICH COULD CAUSE DEATH. INGESTION:
INJURY. INHALATION: ADVERSE EF FECTS, IRRITATION TO UPPER
RESPIRATORY TRACT/LUNGS, BLOOD, LUNG, LIVER/KIDNEY EFFECTS.

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

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First Aid:EYES/SKIN: FLUSH W/PLENTY OF WATER FOR AT LEAST 30 MINS.
INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE
OXYGEN. INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF
WATER TO DI LUTE MATERIALS, & TRANSPORT TO MEDICAL FACILITY.

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

Flash Point Method:SCC
Flash Point:155F
Extinguishing Media:CO2, DRY CHEMICALS, FOAM, WATER SPRAY OR FOG.
Fire Fighting Procedures:PERSONNEL ENGAGED IN
FIGHTING FIRE SHOULD WEAR
SELF-CONTAINED BREATHING APPARATUS TO GUARD AGAINST POSSIBLE
HARMFUL FUMES.

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

Spill Release Procedures:REMOVE IGNITION SOURCES. PROVIDE ADEQUATE
VENTILATION. COVER SPILL W/ABSORBENT MATERIAL/REMOVE TO WASTE
CONTAINER.

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

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS IN A COOL,
DRY AREA AWAY FROM HEAT. U
SE ONLY W/ADEQUATE VENTILATION. WT/GAL:
1.74 LBS/GAL.
Other Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPORS OR
CONTACT W/SKIN. WT/GAL: 1.74 LBS/GAL.

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

Respiratory Protection:WEAR A PROPERLY FITTED NIOSH/MSHA APPROVED
SELF-CONTAINED BREATHING APPARATUS OR INDUSTRIAL TYPE CANISTER MASK
IN ENCLOSED AREAS W/POOR OR NO VENTILATION SYSTEM.

Ventilation:LOCAL EXHAUST: PREFERRED. MECHANICAL: ACCEPTABLE.

Protectiv

e Gloves:RUBBER, PLASTIC

Eye Protection:CHEMICAL GOGGLES, FACE SHIELD, GLASSES

Other Protective Equipment:HYDROCARBON APRONS, EYE WASH & SAFETY
SHOWER.

Work Hygienic Practices:REMOVE/WASH CONTAMINATED CLOTHING BEFORE REUSE.
DESTROY CONTAMINATED SHOES.

Supplemental Safety and Health

NOTE TO PHYSICIAN: CORROSIVE. MAY CAUSE STRICTURE. IF LAVAGE IS
PERFORMED, SUGGEST ENDOTRACHEAL &/OR ESOPHAGOSCOPIC CONTROL. IF
BURN IS PRESENT, TREAT AS ANY BURN, AFTER DECONTAMINATION. MAT
CAUSE

RES PIRATORY SENSITIZATION. NO SPECIFIC ANTIDOTE. SUPPORT CARE. TREATMENT BASED ON JUDGEMENT OF THE PHYSICIAN IN RESPONSE.

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

Boiling Pt:B.P. Text:340F
Vapor Density:4.07
Spec Gravity:0.965
Evaporation Rate & Reference:SLOWER THAN ETHER
Appearance and Odor:AMBER LIQUID, AMINE ODOR.
Percent Volatiles by Volume:25%

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

Stability Indicator/Materials to Avoid:
YES
COPPER, COPPER BASE ALLOYS, CHLORINATED ORGANIC COMPOUNDS
Stability Condition to Avoid:HIGH TEMPERATURE, OPEN FLAME, HEAT,
IGNITION SOURCES.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &
FEDERAL REGULATIONS.

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