

FRC-DIVISION OF CINE MAGNETICS INC -- DENT-X EXCEL X-RAY DEVELOPER (SUPPLEMENTAL) --
6525-01-334-8774

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

Product ID:DENT-X EXCEL X-RAY DEVELOPER (SUPPLEMENTAL)

MSDS Date:06/01/1992

FSC:6525

NIIN:01-334-8774

Kit Part:Y

MSDS Number: CBSLJ

=== Responsible Party ===

Company Name:FRC-DIVISION OF CINE MAGNETICS INC

Address:524 S COLUMBUS AVE

City:MOUNT VERNON

State:NY

ZIP:1

0550-4712

Country:US

Info Phone Num:914-667-1002

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:NO452

=== Contractor Identification ===

Company Name:CINE MAGNETICS INC FR CHEMICALS DIV

Address:524 S COLUMBUS AVE

Box:City:MOUNT VERNON

State:NY

ZIP:10550-4712

Country:US

CAGE:21297

Company Name:DENT-X CORP (914-592-6100)

Box:UNKNOW

CAGE:4R150

Company Name:FRC-DIVISION OF CINE MAGNETICS INC

Address:524 S COLUMBUS AVE

Box:City:MOUNT VERNON

State:NY

ZIP:10550-4712

Country:US

Phone:914-667-1002

CAGE:NO

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Composition/Information on Ingredients
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Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 60-100%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 7-13%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (CERCLA)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rp
t Qty:1000 LBS

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 1-5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG BORATES/M3
ACGIH TLV:5 MG BORATES/M3

Ingred Name:VOLITILE ORGANIC CONTENT AS LISTED ON MSDS, VOC=0.02
LBS/GALLON.
RTECS #:9999999VC
Fraction b

y Wt: NA
Other REC Limits:NONE RECOMMENDED

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

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:EYE:IRRIT,BURNING MAY OCCUR W/POSSIBLE
TISSUE DESTRUCTION.POSSIBLE DISCOLORATION OF
CONJUNCTIVIA.SKIN:REDDEDNING,SWELLING,BURNING MAY
OCCUR.HYDROQUINONE HAS BEEN KNOWN TO CAUSE DERM
.INGEST:CORR TO TIS
SUE.NAU,VOMIT,ABD PAIN POSSIBLE.LG DOSES OF SULFITE MAY CAUSE
CIRCULATORY DISTURB/CNS DEPRESS.INHAL:CONC MIST IRRIT(SUP)
Explanation of Carcinogenicity:PER MSDS:CARCENOGENICITY:NOEN OF THE
CHEMS USED IN PRODUCT ARE LISTED ON NTP/IARC/OSHA LISTINGS OF HUMAN
CARCINOGENS.
Effects of Overexposure:EYE:IRRIT,BURN,TISSUE DESTRUCTION,CONJUNCTIVIA
DISCOLORATION.SKIN:RED,SWELL,BURN.INGEST:CORRO,NAU,VOMIT,ABD
PAIN,CIRCULATORY DISTURB,CNS DEPRESS.INHAL:IRRIT,DMG R
ESP
TRACT/LUNGS.NAU,VOMIT.
Medical Cond Aggravated by Exposure:SULFITES MAY CAUSE ALLERGIC
REACTIONS IN SOME ASTHMATICS.

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

First Aid:EYE:FLUSH W/WATER FOR 15MINS.OBTAIN MED ATTN.CHECK FOR
CORNEAL INJURY. SKIN:REMOVE CONTAMIN CLOTH.WASH EXPO AREA
THOROUGHLY W/WATER.CONTACT PHYSICIAN. INGEST:IF CONSC GIVE 2
GLASSES OF WATER.DO NOT IN DUCE VOMIT.OBTAIN PROMPT MED ATTN.
INHAL:REMOVE TO FRESH AIR.IF ADVERSE S
YMP TOMS DEVELOP CONTACT
PHYSICIAN.

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

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:ANY APPLICABLE TO THE PRIMARY CAUSE OF FIRE.
Fire Fighting Procedures:EVACUATE PERSONNEL TO SAFE AREA. FIREFIGHTERS
SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:EXCESSIVE HEAT MAY RELEASE SULFUR DIOXIDE
VAPORS.

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===== Acci

idental Release Measures =====

Spill Release Procedures:USE APPROPRIATE PROTECTIVE EQPMT.DIKE/SOAK UP W/ABSORBANT MATL.PREVENT LIQ FROM ENTERING SEWERS/WATERWAYS.DISPOSE OF IN ACCORDANCE WITH FED/STATE/LOC REGS.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN WEEL VENTI AREA.KEEP CNTNR TIGHTLY CAPPED WHEN NOT IN USE.DO NOT STORE FOOD/DRINK/TOBACCO IN AR

EAS WHERE CONTAMIN COULD OCCUR W/PRODUCT.

Other Precautions:AVOID BREATH VAP.AVOID CONTACT EYES/SKIN/CLOTHING.DO NOT TAKE INTERNALLY.KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection:FOR POORLY VENTILATED AREAS A NIOSH CARTRIDGE RESPIRATOR IS RECOMMENDED.

Ventilation:TEN ROOM VOLUMES PER HR RECOMMENDED UNDER NORMAL CONDITIONS.

Protective Gloves:LATEX OR NEOPRENE GLOVES.

Eye Protection:CHEM SPLASH GOGGLES.

Other

Protective Equipment:LAB COAT, EYE WASH STATION.

Work Hygienic Practices:WASH CONTAMIN CLOTH BEF REUSE.WASH THOROUGHLY AFTER HNDLG.

Supplemental Safety and Health

CAT#:999-2602-001; 999-2602-201. HEALTH HAZ:IRRIT/DMG RESP

TRACT/LUNGS.MAY CAUSE NAU,VOMIT. PER TIR:PKG CONSISTS OF DEVELOPER & FIXER(SEE PNIND:B).

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

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pre

s:N/AVAI
Vapor Density:N/AVAI
Spec Gravity:1.12
pH:10.2
Viscosity:NP
Evaporation Rate & Reference:N/AVAI
Solubility in Water:COMPLETELY.
Appearance and Odor:RED SOLUTION, ALDEHYDE ODOR.
Percent Volatiles by Volume:60-100
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
AVOID STRONG ACIDS & OXIDIZERS.
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:SULFUR DIOXIDE.

===== Dispos
al Considerations =====

Waste Disposal Methods:DISCHARGE TO SEWER REQUIRES APPROVAL OF
PERMITTING AUTHORITY;MAY REQUIRE
PRETREATMENT.TREAT/STORAGE/TRASN/DISPO MUST BE IAW FED/STATE/LOC
REGS.CHEM SUBJ TO REPORTING REQMTS OF SEC 313 TITLE III OF SA
RA/49CFR372:HYDROQUINONE.

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