

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:

10550-4712

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:N

O452

=====  
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 R  
pt 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

by Wt: NA  
Other REC Limits:NONE RECOMMENDED

===== 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 DER  
M.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  
RESP  
TRACT/LUNGS.NAU,VOMIT.  
Medical Cond Aggravated by Exposure:SULFITES MAY CAUSE ALLERGIC  
REACTIONS IN SOME ASTHMATICS.

===== 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  
SYMPTOMS DEVELOP CONTACT  
PHYSICIAN.

===== 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.

===== Acc

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 A

REAS 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.

Othe

r 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 Pr

es: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.

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

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

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