

R & D METALS & CHEMICALS INC -- 611 MILDLY ACTIVATED ROSIN FLUX -- 3439-00-162-8388

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Product Identification
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Product ID:611 MILDLY ACTIVATED ROSIN FLUX

MSDS Date:05/25/1995

FSC:3439

NIIN:00-162-8388

MSDS Number: CGLCF

=== Responsible Party ===

Company Name:R & D METALS & CHEMICALS INC

Address:201C PERIMETER PK

City:KNOXVILLE (FORMALLY IN PLAINVIEW,NY)

State:TN

ZIP:37922

Country:US

Info

Phone Num:800-645-7476

Emergency Phone Num:800-645-7476

CAGE:56406

=== Contractor Identification ===

Company Name:R & D METALS & CHEMICALS, INC

Address:201C PERIMETER PARK

Box:22533

City:KNOXVILLE

State:TN

ZIP:37922-2233

Country:US

Phone:423-531-6065 / FAX: 423-531-2044

CAGE:56406

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Composition/Information on Ingredients
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Ingred Name:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 55-65%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

AC

GIH TLV:400 PPM/500STEL;9596

Ingred Name:ROSIN (PER MFG CAS#:8050-09-7)

Fraction by Wt: 30-40%

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:INHAL:EXPO TO ROSIN FUME MAY CAUSE
DIZZ&HEAD.MAY ALSO CAUSE ALLERGIC RX SUCH AS RASH OR SORE THROAT &
RESP IRRIT IN SENSITIVE PERSONS.INGEST:CAN CAUSE GASTROINTESTINAL
IRRIT,NAU,VOMIT,DIARR.SKIN:PROL/ REP CONTACT CAN CAUSE DEFATTING
DERM.EYES:POSSIBLE IRRIT,TEARING,BLURRED VISION.CHRONIC:OVEREXPO TO
ISOPROPYL (SUPPLEME)

Explanation of Carcinogenicity:PER MSDS:LISTED CARCINOGEN:NONE.

Effects of Overexposure:DIZZINESS,HEAD.ALLERGIC RX(RASH),SORE
THROAT,RESP IRRIT.GI IRRIT,NAU,VOMIT,DIARR.DERFATTING
DERMATITIS.EYE IRRIT,TEARING,BLURRED VISION.KIDNEY DMG.

Medical Cond Aggrava

ted by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHAL:IF AFFECTED REMOVE INDIVIDUAL TO FRESH AIR.IF BREATHING
IS DIFFICULT ADMINISTER OXYGEN.INGEST:CALL PHYSICIAN OR POISON
CONTROL CENTER IMMED.NEVER GIVE ANYTHING BY MOUTH IF
UNCONSCIOUS.SKIN:WASH EXPO AREA W/SOAP/WATER.REMOVE CONTAM
CLOTHING.EYE:FLUSH W/LG AMTS OF WATER,LIFTING UPPER/LOWER LIDS
OCCASIONALLY.GET MED ATTN.

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

Flash Point Method:TCC

Flash Point:62.0F,16.7C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:2.0

Upper Limits:12.0

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL.

Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS IN ENCLOSED AREA.

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:KEEP AWAY FROM POTENTIAL IGN
SOURCES.VE

NTILATION IF IN ENCLOSED AREA.ADD ABSORBENT & SCOOP INTO
APPROPIRATE CONTAINER.TRANSFER TO HOOD & EVAPORATE OR SEAL FOR
WASTE DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage
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Handling and Storage Precautions:OBSERVE PRECAUTIONS FOR FLAMM LIQ.KEEP
CNTNR CLSD WHEN NOT IN USE.STORE AWAY FROM IGN SOURCES.STORE IN
COOL DRY AREA.STORE IN AREA W/ADEQ VENTI.

Other Precautions:READ ALL CONTAINER LABELING.AVO
ID THE USE OF BRASS

DRUM SPIGOTS.USE POLYETHYLENE,POLYPROPRYLENE,TEF.ON OR STAINLESS
STEEL.CNTNR:SINCE EMPTY CNTNRS MAY RETAIN PROD
RESIDUES(VAP,LIQ,SOLID)ALL LABEL HAZ PRECAUT MUST BE OBSERVED.FOR
(SUPPLEMEN)

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Exposure Controls/Personal Protection
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Respiratory Protection:USE NIOSH APPROVED RESPIRATOR FOR ORGANIC
VAPORS.

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL).

Protective Gloves:RESISTANT SUCH AS RUBB,NEOPRENE,PLASTIC

Eye Protection:C

HEM SPLASH GOGG

Other Protective Equipment:EYE BATH CLOSE BY IS RECOMMENDED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

HEALTH:ALCOHOL HAS BEEN SUGGESTED AS POSSIBLE CAUSE OF KIDNEY DMG.

OTHER PRECAUT:INDUSTRIAL USE ONLY.KEEP OUT OF REACH OF
CHILDREN.DONT TAKE INTERNALLY.

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Physical/Chemical Properties
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HCC:F2

Boiling Pt:=82.C, 179.6F

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

Decomp Temp:Decomp Text:NP

Vapor Pres:33

Vapor Density:1

Spec Gravity:0.895

pH:NP

Viscosity:NP

Evaporation Rate & Reference:2.8, REF NOT GIVEN

Solubility in Water:SLIGHT

Appearance and Odor:CLEAR, AMBER COLORED LIQUID, NON-RESIDUAL ODOR

Percent Volatiles by Volume:63

Corrosion Rate:NP

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:HEAT, SPARKS, AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON DIOXIDE AND C

ARBON MONOXIDE.

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

Waste Disposal Methods:DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL.MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND LAWS.

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