

R & D METALS & CHEMICALS INC -- 611 MILDLY ACTIVATED ROSIN FLUX -- 3439-01-007-5494

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Product Identification  
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Product ID:611 MILDLY ACTIVATED ROSIN FLUX  
MSDS Date:01/01/1987  
FSC:3439  
NIIN:01-007-5494  
MSDS Number: BYCMN  
=== Responsible Party ===  
Company Name:R & D METALS & CHEMICALS INC  
Address:75 SHEER PLAZA  
City:PLAINVIEW  
State:NY  
ZIP:11803-4205  
Country:US  
Info Phone Num:516-694-0920  
Em  
ergency Phone Num:516-694-0920 OR 800-424-9300  
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  
ACGIH TLV:4

Ingred Name:ROSIN ACID

CAS:8050-09-7

Fraction by Wt: 30-40%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION:ROSIN FUME MAY CAUSE ALLERGIC REACTION (RASH OR RESPIRATORY IRRITATION IN SENSITIVE PEOPLE),

DIZZINESS, HEADACHE. INGESTION:CAN CAUSE G/I IRRITATION, NAUSEA, VOMITING, DIARRHEA. PROLONGED & /OR REPEATED SKIN CONTACT:DEFATTING, DERMATITIS. EYES:SEVERE IRRITATION, TEARING, BLURRED VISION.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION:ALLERGIC REACTION (RASH OR RESPIRATORY IRRITATION IN SENSITIVE PEOPLE), DIZZINESS, HEADACHE.

INGESTION:G/I IRRITATION, NAUSEA, VOMITING, DIARRHEA. PROLONGED &/OR REPEATED SKIN CONTACT:DEFAT TING, DERMATITIS. EY

ES:SEVERE IRRITATION, TEARING, BLURRED VISION.

Medical Cond Aggravated by Exposure:OVEREXPOSURE TO ISOPROPYL ALCOHOL HAS BEEN SUGGESTED AS A POSSIBLE CAUSE OF KIDNEY DAMAGE IN HUMANS.

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

First Aid:IF IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL ATTENTION.

EYE:FLUSH W/WATER FOR 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDER BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. A ID OR RESTORE

BREATHING AS NEEDED. INGESTED:CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NOTHING BY MOUTH IF UNCONSCIOUS.

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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

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

Spill Release

Procedures:ELIMINATE IGNITION SOURCES. VENTILATE AREA.  
ADD ABSORBENT & SCOOP INTO APPROPRIATE CONTAINER. TRANSFER TO HOOD  
& EVAPORATE OR SEAL FOR WASTE DISPOSAL.  
Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN A COOL DRY AREA W/ADEQUATE  
VENTILATION & AWAY FROM IGNITION SOURCES. OBSERVE PRECAUTIONS FOR A  
FLAMMABLE LIQUID. KEEP CLOSED IF NOT IN USE.

Other Precaution  
s:READ ALL CONTAINER LABELING. AVOID USE OF BRASS DRUM  
SPIGOTS. USE POLYETHYLENE, POLYPROPYLENE, TEFLON OR STAINLESS  
STEEL. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO  
NOT TAKE INTERNALLY .

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Exposure Controls/Personal Protection  
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Respiratory Protection:IR TLV IS EXCEEDED, USE NIOSH APPROVED  
RESPIRATOR FOR ORGANIC VAPORS.  
Ventilation:PROVIDE SUFFICIENT MECHANICAL VENTILATION (GENERAL AND/OR  
LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW  
TLV'S.

Protective Gloves:RUBBER, NEOPRENE, OR PLASTIC  
Eye Protection:CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:PROVIDE EYE BATH NEAR WORK SITE.  
Work Hygienic Practices:MFR GAVE NO INFORMATION ON MSDS.  
Supplemental Safety and Health  
"EMPTY" CONTAINERS RETAIN RESIDUE & CAN IGNITE EXPLOSIVELY. DO NOT CUT,  
DRILL, OR WELD ON OR NEAR FULL OR EMPTY CONTAINERS.

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Physical/Chemical Properties  
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HCC:F2  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:180F,82C  
Vapor Pres:33 MM  
Vapor Density:2.1  
Spec Gravity:0.896  
Evaporation Rate & Reference:2.8 (N-BUAC = 1)  
Solubility in Water:SLIGHT  
Appearance and Odor:CLEAR, AMBER COLORED LIQUID, NON RESIDUAL ODOR  
Percent Volatiles by Volume:63

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Stability and Reactivity Data  
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STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HEAT, SPARKS & OPEN FLAME  
Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE

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Disposal Considerations  
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Waste Disposal Methods:DESTROY BY APPROVED INCINERATION OR DEPOSIT IN APPROVED LANDFILL. MUST BE I/A/W FEDERAL, STATE & LOCAL LAWS & REGULATIONS.

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