

INDIUM CORP OF AMERICA -- #5R LIQUID FLUX -- 3439-00-009-8808

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

Product ID:#5R LIQUID FLUX

MSDS Date:07/10/1990

FSC:3439

NIIN:00-009-8808

MSDS Number: BCVGP

=== Responsible Party ===

Company Name:INDIUM CORP OF AMERICA

Address:1676 LINCOLN AVE.

City:UTICA

State:NY

ZIP:13502

Country:US

Info Phone Num:315-768-6400

Emergency Phone Num:315-768-6400

Preparer's Name:GRE

G EVANS

CAGE:74858

=== Contractor Identification ===

Company Name:INDIUM CORP OF AMERICA

Address:1676-80 LINCOLN AVE

Box:City:UTICA

State:NY

ZIP:13502

Country:US

Phone:315-768-6400

CAGE:74858

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

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 60-75%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:GUM ROSIN

Fraction by Wt: 30-40%

Other R

EC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL LD50 (RAT) = 5840 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES

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

Health Hazards Acute and Chronic:ACUTE: OVEREXPOSURE MAY LEAD TO CNS DEPRESSION, LEADING TO HEADACHES AND DIZZINESS. EYE: MAY LEAD TO IRRITATION AND WILL INJURE EYE TISSUE IF NOT REMOVED PROMPTLY. SKIN: NO HEALTH HAZARD FROM ABSORPTION

OR EXPOSURE. INGESTION:

SLIGHT HEALTHHAZARD. CHRONIC: PROLONGED EXPOSURE CAN BE IRRITATING TO MUCOUS MEMBRANES.

Explanation of Carcinogenicity:THIS CHEMICAL IS NOT LISTED AS HAVING ANY EVIDENCE OF BEING CARCINOGENIC.

Effects of Overexposure:OVEREXPOSURE MAY LEAD TO DIZZINESS, SHORTNESS OF BREATH, HEADACHES, DERMATITIS AND EYE IRRITATION. HIGH VAPOR CONCENTRATIONS ARE ANESTHETIC AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.

Medical Cond Aggravated by Exposure:PERSONS

WITH SKIN, HEART,

RESPIRATORY, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN HANDLING OR USING THIS PRODUCT.

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION AS REQUIRED. INHALATION: IMMEDIATELY REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. GET PROMPT MEDICAL ATTENTION. EYE: IMMEDIATELY FLUSH WITH WATER FOR 20 MINUTE

S WITH EYELIDS HELD OPEN. GET PROMPT MEDICAL

ATTENTION. INGESTION: GET PROMPT MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

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

Flash Point Method:COC

Flash Point:53.0F,11.7C

Autoignition Temp:Autoignition Temp Text:750F

Lower Limits:2

Upper Limits:12

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING AP

PARATUS. FIGHT FIRE FROM SAFE

DISTANCE. HEAT MAY RUPTURE CLOSED CONTAINERS.

Unusual Fire/Explosion Hazard:RELEASES FLAMMABLE VAPORS BELOW NORMAL AMBIENT TEMPERATURES WHEN MIXED WITH AIR AND EXPOSED TO IGNITION SOURCE. VAPORS CAN BURN IN OPEN OR EXPLODE IF CONFINED.

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

Spill Release Procedures:FIRE HAZARD: ELIMINATE ALL SOURCES OF IGNITION. EVACUATE AREA. VENTILATE AREA. STOP RELEASE. DIKE TO CONTAIN SPILL. WEA

R PROPER SAFETY EQUIPMENT. IF AMOUNT IS LARGE, REMOVE LIQUID BY VACUUM. IF SMALL, ABSORB ON INERT MATERIAL. DISPERSE RESIDUE.

Neutralizing Agent:DILUTE WITH WATER

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

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINERS AWAY FROM HEAT, SPARKS, OPEN FLAME & STRONG OXIDIZING AGENTS. EMPTY CONTAINERS MAY CONTAIN FLAMMABLE VAPOR.

Other Precautions:DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, G

RIND, OR EXPOSE CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. MATERIAL MAY ATTACK SOME FORMS OF PLASTIC, ALU MINUM, RUBBER AND COATINGS.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED AIR-PURIFYING OR SUPPLIED AIR RESPIRATOR AS APPROPRIATE.

Ventilation:BOTH LOCAL AND MECHANICAL(GENERAL) EXHAUST RECOMMENDED.

Protective Gloves:CHEMICAL RESISTANT

Eye Protection:CHEMICAL SPLASH GO GGLS &/OR FACESHIELD

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE. USE APRON.

Work Hygienic Practices:WASH HANDS BEFORE EATING, DRINKING, SMOKING, OR USING TOILET FACILITIES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE

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

HCC:F2

Boiling Pt:B.P. Text:180F,82C

Vapor Pres:33

Vapor Density:2.1

Spec Gr

avity: