

REGIONAL MEDIA LABORATORIES INC. -- 40-059 GRAM SAFRANIN -- 6550-01-317-8517
===== Product Identification =====

Product ID:40-059 GRAM SAFRANIN
MSDS Date:03/05/1991
FSC:6550
NIIN:01-317-8517
MSDS Number: BPZMS
=== Responsible Party ===
Company Name:REGIONAL MEDIA LABORATORIES INC.
Address:12076 SANTA FE DRIVE
Box:14428
City:LENEXA
State:KS
ZIP:66215-3519
Country:US
Info Phone Num:913-888-0939/800
-255-6730
Emergency Phone Num:913-888-0939/800-255-6730
CAGE:7V410
=== Contractor Identification ===
Company Name:REMEL INC
Address:12076 SANTA FE DRIVE
Box:14428
City:SHAWNEE MISSION
State:KS
ZIP:66215-3519
Country:US
Phone:913-888-0939/800-255-6730
CAGE:7V410

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

Ingred Name:ETHYL ALCOHOL (ETHANOL)
CAS:64-17-5
RTECS #:KQ6300000
Fraction by Wt: 10%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1000 PPM
ACGIH TLV:1000 PPM; 9293

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Hazards Identification
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LD50 LC50 Mixture:LD 50 ORAL RAT IS > 7060 MG/KG

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

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

Health Hazards Acute and Chronic:ACUTE: IRRITATION TO BODY TISSUES,
CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC: NONE SPECIFIED BY
MANUFACTURER.

Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT
IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

Eff

Effects of Overexposure:EYES: IRRITATION. SKIN: DRYNESS, DERMATITIS.

INHALATION: UPPER RESPIRATORY IRRITATION, HEADACHE, DROWSINESS,
TREMOR, FATIGUE, DIZZINESS, NAUSEA, NARCOSIS, MENTAL CONFUSION.

INGESTION: SAME SYMPTOMS AS INHALATION.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH A HISTORY OF EYE,
SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM
EXPOSURE.

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First Aid Measures
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First Aid:EYES: FLUSH WITH PLENT

Y OF WATER FOR AT LEAST 15 MINUTES. IF

IRRITATION PERSISTS, SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER
WHILE REMOVING CONTAMINATED CLOTHING. INHALATION: REMOVE VICTIM TO
FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. INGESTION: GIVE
WATER. SEE DOCTOR.

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Fire Fighting Measures
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Flash Point Method:PMCC

Flash Point:120F,49C

Lower Limits:3.3

Upper Limits:19.0

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

Fire Fighting

Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A

FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS HEAVIER THAN
AIR. CAN TRAVEL ALONG GROUND AND FLASHBACK.

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Accidental Release Measures
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Spill Release Procedures:REMOVE PERSONNEL.ELIMINATE IGNITION SOURCES.
VENTILATE AREA

REA. WEAR PROTECTIVE CLOTHING AND EQUIPMENT. USE
NON-SPARKING TOOLS. ABSORB IN INERT MATERIAL AND PLACE IN
APPROPRIATE DISPOSAL CONTAINER AND COVER.

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

Handling and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATED
AREA. PROTECT FROM PHYSICAL DAMAGE, HEAT, IGNITION SOURCES AND
INCOMPATIBLE MATERIALS. KEEP CONTAINERS CLOSED.

Other Precautions:AVOID EYE AND SKIN CONTACT. DO NOT BREATHE VAPORS.

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Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA-APPROVED RESPIRATOR OR SCBA AS
APPROPRIATE FOR EXPOSURE OF CONCERN.

Ventilation:MECHANICAL (GENERAL) VENTILATION OR LOCAL EXHAUST
VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL. USE EXPLOSION-PROOF
EQ.

Protective Gloves:RUBBER GLOVES.

Eye Protection:CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:PROTECTIVE CLOTHING. EYE BATH AND SAFETY
SHOWER. FUME HOOD.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health
NONE.

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

HCC:F4

Boiling Pt:B.P. Text:173F,78C

Vapor Pres:40

Vapor Density:1.58

Spec Gravity:0.815

Evaporation Rate & Reference:1.7 (ETHER = 1)

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, WATER LIKE LIQUID. DISTINCT ODOR.

Percent Volatiles by Volume:100

===== Stability and Reactivity D

ata =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE,
INCOMPLETELY BURNED CARBON PRODUCTS.

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

Waste Disposal Methods: CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER.
DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL
REGULATIONS.

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