

RANDOLPH PRODUCTS CO -- ALCOHOL (ISOPROPYL) TT-I-735 -- 6810-00-855-6160

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Product Identification  
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Product ID:ALCOHOL (ISOPROPYL) TT-I-735

MSDS Date:08/01/1987

FSC:6810

NIIN:00-855-6160

MSDS Number: BFSXC

=== Responsible Party ===

Company Name:RANDOLPH PRODUCTS CO

Address:92 N 12TH ST

City:CARLSTADT

State:NJ

ZIP:07072

Country:US

Info Phone Num:201-438-3700

Emergency Phone Num:201-438-370

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CAGE:77672

=== Contractor Identification ===

Company Name:RANDOLPH PRODUCTS CO

Address:701 12TH ST

Box:830

City:CARLSTADT

State:NJ

ZIP:07072-0830

Country:US

Phone:201-438-3700

CAGE:77672

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

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: >99%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:WATER (OBTAINED FROM SPECS TT-I-735A)

CAS:7732

-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 0.4%/MAX  
Other REC Limits:NONE SPECIFIED

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===== 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:PRODUCT IS MILDLY IRRITATING. IT IS  
TOXIC BY INGESTION, EFFECTING THE CENTRAL NERVOUS SYSTEM. INHALED  
IN LARGE QUANTITY IT PRODUCES AN ANESTHETIC EFFEC

T.  
Explanation of Carcinogenicity:ISOPROPANOL IS CLASSIFIED  
IARC-3(INSUFFICIENT EVIDENCE-HUMAN).  
Effects of Overexposure:EYE:IRRITATION. SKIN:MILD IRRITATION,  
DRYING,POSSIBLE DERMATITIS. INHALED:DIZZINESS,HEADACHE,CENTRAL  
NERVOUS SYSTEM DEPRESSION,ANESTHESIA. INGESTED:CENTRAL NERVOUS  
SYSTEM DEPRESSION, NAUSEA,VOMITING.  
Medical Cond Aggravated by Exposure:PERSONS WITH SKIN, HEART,  
RESPIRATORY, OR ANY OTHER MEDICAL CONDITION SHOULD USE CAUTION WHEN  
HANDLING OR USING THIS PR  
ODUCT.

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

First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH SOAP  
& WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.  
INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.  
INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES OF MILK OR  
WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY MOUTH IF  
UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A DOCTOR.

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

Flash Point Method:TCC  
Flash Point:57.0F,13.9C  
Lower Limits:2.0  
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY  
CHEMICAL.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER  
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.  
Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY  
TRAVEL ALONG GROUND OR FLOOR, THEN 'F

LASH BACK' FROM A DISTANT  
IGNITION SOURCE.

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

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION AND VENTILATE  
AREA. ADSORB MATERIAL WITH CLAY, VERMICULITE, OR SIMILAR ABSORBENT  
MATERIAL. PLACE IN DISPOSAL CONTAINERS. FLUSH RESIDUE WITH WATER.  
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, WELL VENTILATED

FLAMMABLE LIQUID STORAGE AREA. KEEP CONTAINERS CLOSED WHEN NOT IN  
USE. AVOID OPEN ELECTRICAL ITEMS IN HIGH VAPOR AREA

Other Precautions:'EMPTY' CONTAINERS MAY CONTAIN RESIDUE OR VAPOR.  
TREAT THEM WITH THE RESPECT DUE FULL ONES. DO NOT CUT,WELD,ETC. ON  
THEM.DO NOT USE PRESSURE TO DISPENSE LIQUID

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE  
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR  
RESPIRATOR FOR

ORGANIC VAPORS IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR  
1910.134 FOR REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS OFTEN SUFFICIENT. SUPPLEMENT  
WITH LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:NEOPRENE, NITRILE, OR POLYVINYL ALCOHOL

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES U

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. APRON,  
BOOTS AND OTHER CLOTHING AS NECESSARY TO PREVENT PROLONGED/  
REPEATED  
CONTACT

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID  
UNNECESSARY CONTACT.

Supplemental Safety and Health  
NONE

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

HCC:F2

Boiling Pt:B.P. Text:176F,80C

Vapor Density:>1

Spec Gravity:0.804

Evaporation Rate & Reference:< ETHYL ETHER

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS LIQUID, ALCOHOL ODOR

===== Stability and Reactivity Data =====

Stabi

lity Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods: DISPOSE I/A/W ALL FEDERAL, STATE AND LOCAL REGULATIONS. MANUFACTURER SUGGESTS THAT DISPOSAL MAY BE DONE BY LANDFILL. DGSC-SSH BELIEVES INCINERATION TO BE PREFERRABLE IF PRACTICAL AND PER REGULATIO

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