

INTEGRATED INGREDIENTS -- FLEISCHMANN'S VINEGAR -- 8950-01-079-3978

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

Product ID:FLEISCHMANN'S VINEGAR

MSDS Date:10/01/1985

FSC:8950

NIIN:01-079-3978

MSDS Number: BTHJR

=== Responsible Party ===

Company Name:INTEGRATED INGREDIENTS

Address:1420 HARBOR BAY PARKWAY,SUITE 210

City:ALAMEDA

State:CA

ZIP:94501

Country:US

Info Phone Num:800-548-8361

Emergency Phone Num:80

0-548-8361

CAGE:MO847

=== Contractor Identification ===

Company Name:INTEGRATED INGREDIENTS

Address:1420 HARBOR BAY PARKWAY,SUITE 210

Box:City:ALAMEDA

State:CA

ZIP:94501

Country:US

Phone:800-548-8361

CAGE:MO847

Company Name:MASADA ENTERPRISES LTD (914-343-0756)

CAGE:2K907

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

Ingred Name:ACETIC ACID (SARA III)

CAS:64-19-7

RTECS #:AF1225000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM/15 STEL; 9394

EPA Rpt Q

ty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:LD 50 ORAL RAT IS 3310 MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INHAL:VAPORS MAY CAUSE RESPIRATORY IRRITATION.SKIN:MAY CAUSE MILD BURNS.MAY CAUSED DERMATITIS IN SENSITIVE INDIVIDUALS.EYES:MAY CAUSE SEVERE BURNS,POSSIBLY LEADING TO BLINDNESS.POSSIBLE CONJUNCTIVITIS .INGEST:MAY CAUSE GI TRACT IRRITATION.
Explanation of Carcinogenicity:NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES/SKIN: SEVERE IRRITATION AND BURNS. INHALATION: SEVERE IRRITATION TO RESPIRATORY SYSTEM. INGESTION: SEVERE BURNING TO MOUTH AND STOMACH, NAUSEA, VOMITING, LOSS OF CONSCIOUSNESS.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PREEXISTING EYE, SKIN OR RESPIRATORY DISEASES MAY BE MORE AT RISK BY EXPOSURE TO THIS PRODUCT.

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

First Aid:EYES/SKIN: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES.SEE DOCTOR. INHALATION: REMOVE VICTIM TO FRESH AIR.GIVE OXYGEN/CPR IF NEEDED. SEE DOCTOR. I NGESTION: DO NOT INDUCE VOMITING. GIVE WATER, MILK OR MILK OF MAGNESIA. SEE DOCTOR IMMEDIATELY. NOTHING BY MOUTH IF UNCONSCIOUS.DO NOT GIVE EMETICS OR BAKING SODA.

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

Flash Point Method:CC
Flash Point:104F,40C
Autoignition Temp:Autoignition Temp Text:800C
Lower Limits:4.0
Upper Limits:16.0
Extinguishing Media:USE WATER FOG, 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. COMBUSTIBLE AND
CORROSIVE VAPORS. FIGHT FIRE FROM DISTANCE.

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

Spill Release Procedures: REMOVE PERSONNEL. ELIMINATE IGNITION SOURCES.
VENTILATE AREA. WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED
BREATHING APPARATUS. NEUTRALIZE SPILL. ABSORB IN INERT MATERIAL AND
PLACE IN APPROPRIATE DISPOSAL CONTAINER AND COVER. FLUSH AREA WITH
WATER

Neutralizing Agent: SODA ASH OR LIME.

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

Handling and Storage Precautions: STORE IN COOL, DRY, WELL VENTILATED
AREA. FLAMMABLE LIQUID STORAGE AREA OR CABINET. KEEP CONTAINERS
TIGHTLY CLOSED.

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

===== 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.

Protective Gloves: RUBBER GLOVES.

Eye Protection: CHEMICAL SAFETY GOGGLES.

Other Protective Equipment: PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE
EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY
SHOWER.

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

Supplemental Safety and Health
NONE.

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

HCC: C2

Boiling Pt: =117.8C, 244.F

Vapor Pres: 11

Vapor Density: 2.1

Spec Gravity: 1.01

pH: 2.2

Evaporation Rate & Reference: 0.9 (BUTYL ACETATE = 1)

Solubility in Water: COMPLETE

Appearance and Odor: CLEAR, COLORLESS LIQUID, PUNGENT ODOR,
CHARACTERISTIC OF VINEGAR.

Percent Volatiles by Volume: 100

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

Stability Indicator/Materials to Avoid: YES
STRONG OX

IDENTIFYING AGENTS SUCH AS CHROMIC ACID, SODIUM PEROXIDE, NITRIC ACID, METALS. AVOID CAUSTIC (CAUSES SPATTERING).

Stability Condition to Avoid: HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

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. EPA HAZARDOUS WASTE NUMBER D001, D002 (IGNITABLE, CORROSIVE WASTE).

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