

THE DARRON COMPANY, INC.

Private Label Specialists



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MATERIAL SAFETY DATA SHEET

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PRODUCT IDENTIFICATION

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DATE ISSUED: 6/21/88

TRADE NAME: VINEGAR, ALL VARIETIES

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HAZARDOUS INGREDIENTS

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CHEMICAL NAME: ACETIC ACID

CHEMICAL FORMULA: CH₃OOH

DEFINITION: PRODUCT MADE BY THE FERMENTATION OF ETHYL ALCOHOL CONTAINING 8% TO 12% ACETIC ACID (OR 80 TO 120 GRAIN VINEGAR).

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PHYSICAL PROPERTIES

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WHITE DISTILLED VINEGAR IS A CLEAR, BRIGHT, TRANSPARENT PRODUCT FREE FROM ANY PRONOUNCED FOREIGN FLAVOR OR ODOR. THE FLAVOR AND ODOR ARE CLEAN AND CHARACTERISTIC OF WHITE DISTILLED VINEGAR.

COLOR: 50 APHA, MAX	FUSEL OILS: 0.2 GRAMS/10 LITERS, MAX
WEIGHT: 8.45 LBS. /GALLON @20C	COPPER: 1.0 PPM, MAX
GRAINAGE: 100,120 SPECIFIED FOR SHIPMENT	IRON: 2.0 PPM, MAX
ESTER:(AS ETHYL ACETATE) 100MG/100ML,MAX	LEAD: 1.0 PPM, MAX
ALDEHYDES: 1.5MG/100ML, MAX	RESIDUAL ALCOHOL: 1.0 PROOF, MAX

VERNON SANITATION
PRODUCT # 4308

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FIRE AND EXPLOSION

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FLASH POINT: 40 C . CLOSED CUP . (ACETIC ACID)

AUTO-IGNITION TEMP.: 427 C (ACETIC ACID)

FLAMMABLE LIMITS IN AIR: 4.0% - 16% (ACETIC ACID)

FIRE EXTINGUISHING AGENTS RECOMMENDED:

WATER SPRAY, FOAM, CO₂, OR DRY CHEMICAL. WATER MAY BE USED TO DILUTE SPILLS AND REDUCE FLAMMABILITY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

TOXIC GASES AND VAPOR MAY BE RELEASED IN A FIRE INVOLVING CONCENTRATED VINEGARS.

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HEALTH HAZARD DATA

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INHALATION:

THRESHOLD LIMIT VALUE: 10 PPM

SHORT TERM EXPOSURE LIMIT: 15 PPM FOR 15 MIN.

ODOR THRESHOLD: 1.0 PPM

SKIN: CONTACT MAY CAUSE MILD INJURY AND BURNS FROM VINEGAR OF 10% ACETIC ACID AND GREATER. DILUTED SOLUTION MAY CAUSE DERMATITIS IN SOME SENSITIVE INDIVIDUALS.

EYES: MAY CAUSE SEVERE BURNS AND PERMANENT CORNEAL INJURY FROM CONCENTRATED VINEGARS. MAY BE FOLLOWED BY BLINDNESS. HIGH VAPOR CONCENTRATIONS MAY RESULT IN CONJUNCTIVITIS.

INGESTION: CONCENTRATED VINEGARS MAY CAUSE PAIN, IRRITATION, AND BURNS IN THE MOUTH, GULLET AND STOMACH.

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EMERGENCY AND FIRST-AID PROCEDURES

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IN CASE OF EYE OR SKIN CONTACT, FLUSH IMMEDIATELY AND THOROUGHLY WITH WATER. SATURATED CLOTHING SHOULD BE REMOVED AND WASHED.

IF VAPORS ARE INHALED EXTENSIVELY, EXPOSED PERSON SHOULD BE REMOVED TO FRESH AIR IMMEDIATELY.

IF SWALLOWED, WATER SHOULD BE CONSUMED TO DILUTE. DO NOT INDUCE VOMITING. DO NOT GIVE EMETICS OR BAKING SODA. CALL A PHYSICIAN.

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