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MATERIAL SAFETY DATA SHEET

PRODUCT IDENTIFICATION

Product Name : ALL VINEGARS.
Other Names : Malt, Spirit, Wine, Cider, Rice, Sherry, Distilled Malt, Balsamic & All Organic Vinegars.
Appearance : Bright liquid.
Odour : Acetous odour.

THE MAIN HAZARD

IN CONTACT WITH EYES CAUSES SEVERE SMARTING AND BURNING.

EMERGENCY & FIRST AID PROCEDURES

Product In Eye : Wash with copious quantities of fresh water.
(IF SMARTING CONTINUES, SEEK MEDICAL ADVICE)
Product On Skin : Wash with water.
Product Inhaled : Remove patient to fresh air.
Product Ingested : Give water to drink.
Spillage : Rinse with copious quantities of water.

FIRE & EXPLOSION DATA

Fire Hazard : Non-inflammable.
Flash Point : Not applicable.
Auto-Ignition : Not applicable.
Flammable Limits : Not applicable.
Explosion Hazard : None.

CHEMICAL DATA

Formula : CH₃COOH
Chemical Name : Acetic Acid (Synonym: Ethanoic Acid) in aqueous solution.
Concentration : <20% w/v as acetic acid.
Chemical Family : Aliphatic mono carboxylic acid.

Reactivity With:

Oxidising Agents	:	Can produce carbon dioxide gas.
Acids	:	No reaction.
Alkalis	:	Neutralise to respective acetate.
Salt or Fresh Water	:	No reaction.
Air	:	No reaction.

HEALTH DATA

TLV	:	10 ppm
Odour Threshold	:	2 ppm

EFFECT OF PRODUCT

On Eyes	:	Irritant.
On Skin	:	No effect.
By Skin Absorption	:	Not absorbed.
By Ingestion	:	Excessive quantities may cause irritation.
When Inhaled	:	Possible irritation of respiratory system.

PHYSICAL DATA

Specific Gravity	:	1.008-1.032
Vapour Pressure	:	0.895 ATMOS (at 5% AA)
Solubility In Water	:	Soluble.

HANDLING & STORAGE RECOMMENDATIONS & PRECAUTIONS

Suitable Storage Materials	:	Vinegar may be stored in secure containers of suitable material such as H.D.P.E. or Stainless Steel (316 grade).
Storage Precautions	:	Vinegar should be stored in such a way as to prevent the free passage of air over the material.
Handling Precautions	:	Goggles or facemask to provide eye protection and with precautions normally associated with good housekeeping.

DISPOSAL

Consult local authorities for the disposal of large quantities.

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