



TECHNICAL DATA SHEET
INCLUDING COSHH REGULATION INFORMATION

PRODUCT NAME: MALTFLAVEN CONDIMENT ESSENCE (Non-Brewed)

INGREDIENTS: Food Grade Acetic Acid, Chemically Pure, (E260)
Water, colour (E150), Malt Flavouring

CHEMICAL FORMULA: CH₃COOH

PRODUCT DESCRIPTION: A high quality non-brewed condiment essence supplied in three different strengths for dilution down into non-brewed condiment-vinegar substitute for catering and pickling purposes.

PRODUCT PACKAGING: 5 Litre Poly Container

HAZARDS:

	<u>Hazardous Ingredients</u>
	Acetic Acid 32% - 7-1
CORROSIVE	“ “ 52% - 12-1
	“ “ 68% - 16-1

RISK PHRASE(S) R34 - Causes burns

SAFETY PHRASES:

S(1/2)	Keep locked up and out of reach of children
S23	Do not breathe vapour
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell seek medical advice immediately (Show label if possible)

FIRST AID MEASURES

Eyes: Wash well with clean water or eye bath solution for at least 15 minutes
Seek medical attention.

Skin: Wash immediately with water, preferably under a shower removing contaminated clothing quickly as washing proceeds.
Wash skin thoroughly with soap and water.
Wash contaminated clothing before reuse.

Inhalation: Remove patient to fresh air, keep warm and at rest,
administer oxygen if necessary
Apply artificial respiration if breathing has ceased or shows signs of failing.
Apply external cardiac massage in event of cardiac arrest.

Ingestion: Do not induce vomiting. Wash mouth out with water and give water to drink.
Treatment may be needed for pain and shock. Seek medical attention.

In case of accident or if you feel unwell, seek medical advice immediately. (Show the label where possible)

FIRE FIGHTING MEASURES

Extinguishing Media:	Water spray should be used to cool containers Non-combustible
Fire and Explosion Hazards:	None
Protective Measures:	A self-contained breathing apparatus and suitable protective clothing must be worn in fire conditions

ACCIDENTAL RELEASE MEASURES

Personal precautions:	Avoid skin and eye contact. Wear chemical safety gloves and goggles, rubber boots and other protective clothing.
Environmental Protection:	Prevent product from entering water courses or sewers. If large spillage does enter water courses or sewers, inform the appropriate local water authority immediately
Recovery:	Neutralise with Sodium Carbonate, lime or chalk, then wash small spillages away with lots of water. Large spillages should be contained and collected by licenced contractors.

HANDLING AND STORAGE

Storage:	Store upright in the original labelled container Keep locked up and out of reach of children.
Handling for bulk facility:	Avoid skin and eye contact
Materials for equipment/packaging:	Store or mix product only in stainless steel, polythene or polypropylene vessels

EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits (O.E.L.):	10 ppm (25 mg/m ³) 8 HOUR TWA 15 ppm (37 mg/m ³) 10 MINS TWA
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PERSONAL PROTECTIVE EQUIPMENT

Respiratory:	Wear appropriate respiratory protective equipment
Hands/eyes/other:	Wear chemical safety gloves, goggles, rubber boots and other protective clothing.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark brown liquid
Odour:	Strong odour of Acetic Acid
pH:	
Flash Point:	Non flammable
Relative Density:	1.05 g/cm ³ @ 20 ⁰ C
Solubility:	Miscible
Thermal Decomposition:	
Viscosity:	

STABILITY AND REACTIVITY

Stability: Stable in all conditions
Conditions to avoid:
Materials to avoid: Mild steel
Hazardous decomposition products: Oxidising agents, alkalis

TOXICOLOGICAL INFORMATION**SHORT TERM**

Ingestion: Will cause severe irritation and burning to mouth
Ingested acid must be diluted approximately 100-fold
to render it harmless to tissues
Skin: Will cause severe irritation and burning to skin
Eyes: Will cause severe irritation and burning when in contact with eyes
Inhalation: Extreme inhalation may cause lung oedema which can be fatal
Very corrosive to body tissue and respiratory tract

LONG TERM

ECOLOGICAL INFORMATION:

Biodegradable in fresh and salt water

	<u>5 days</u>	<u>10 days</u>	<u>20 days</u>
Fresh Water	76	82	96
Salt Water	66	88	100

DISPOSAL CONSIDERATIONS:

In accordance with local and national regulations

TRANSPORT INFORMATION:

UN No. 2790

PRODUCER:

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