





TECHNICAL DATA SHEET
INCLUDING COSHH REGULATION INFORMATION

1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING									
PRODUCT NAME: PRODUCT CODES: COMPANY Chemical Product Name EMERGENCY TELEPHONE (Office Hours)	CLEAR NON-BREWED CONDIMENT ESSENCE AA4 DRYWITE LIMITED THE HOUSE OF LEE P O BOX 1 PARK LANE HALESOWEN WEST MIDLANDS B63 2RB TEL NO: +44(0)1384 569556 FAX NO: +44(0)1384 410583 Blend including Acetic Acid +44(0)1384 569556								
2. HAZARD IDENTIFICATION									
Corrosive: Health risk	Causes burns Irritating and burning to eyes and skin								
3. COMPOSITION/ INFORMATION ON INGREDIENTS									
Blend of: CAS No: EINECS E	<table> <tr> <td>Acetic Acid</td> <td></td> </tr> <tr> <td>64-19-7</td> <td>In</td> </tr> <tr> <td>200-58-7</td> <td>Water</td> </tr> <tr> <td>260</td> <td></td> </tr> </table>	Acetic Acid		64-19-7	In	200-58-7	Water	260	
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200-58-7	Water								
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4. FIRST AID MEASURES									
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 cardiac massage in event of cardiac arrest								

<p>Ingestion:</p> <p>Eye Contact:</p> <p>Skin Contact:</p>	<p>Do not induce vomiting, wash mouth out with water and give water to drink, dilute approximately 100 fold. Seek medical attention.</p> <p>Wash well with clean water or eye bath solution for at least 15 minutes. Seek medical advice.</p> <p>Remove contaminated clothing immediately. Wash skin thoroughly with soap and water. If any irritation seek medical advice. Wash contaminated clothing before re-use.</p>
<p>5. FIRE FIGHTING MEASURES</p>	
<p>Extinguishing Media:</p> <p>Fire Hazard:</p> <p>Protection Measures:</p>	<p>Water spray, alcohol resistant foam or carbon dioxide to cool containers. Non combustible.</p> <p>None</p> <p>Self contained breathing apparatus and suitable protective clothing must be worn in fire conditions.</p>
<p>6. ACCIDENTAL RELEASE MEASURES</p>	
<p>Personal Precautions:</p> <p>Environmental Precautions:</p> <p>Recovery:</p>	<p>Avoid eye and skin contact, also avoid breathing vapours. Wear chemically approved safety goggles, rubber boots and other protective clothing. Prevent contact with hot surfaces.</p> <p>Prevent product entering water courses or sewers. If large spillage enters water courses or sewer inform the appropriate local water authority immediately.</p> <p>Neutralise with Sodium Carbonate, Lime or Chalk, dilute small spillage away with copious amounts of water. Large spillages should be contained, absorbed and collected by a licensed contractor.</p>
<p>7. HANDLING AND STORAGE</p>	
<p>Handling:</p> <p>Storage:</p> <p>Recommended Package Material:</p> <p>Packed For Sale In:</p>	<p>Wear appropriate protective equipment. No eating, drinking or smoking when handling.</p> <p>Store in original container at ambient temperature. Avoid elevated temperature, protect from freezing.</p> <p>Original container, polythene, polypropylene or stainless steel containers.</p> <p>5 Litre HDPE containers with white plastic tamper evident screw caps.</p>
<p>8. EXPOSURE CONTROLS/PERSONAL PROTECTION:</p>	
<p>Protective Equipment</p>	 

Exposure Limit:	Acetic Acid OES 10ppm or 25mg/m ³ (long term exposure 8h TW/A Reference Period). OES 15ppm or 37mg/m ³ (short term exposure 15min Reference Period).
Respiratory Protection:	If insufficient ventilation, suitable respiratory protection.
Eye Protection:	Suitable goggles
Skin Protection:	Suitable protective clothing
Hand Protection:	Suitable gloves

9. PHYSICAL AND CHEMICAL PROPERTIES


Appearance:	Clear liquid
Odour:	Pungent
PH:	Approximately 0.5 to 1.50
Thermal Decomposition:	>100 ^c
Flash Point:	N/A
Density:	Approximately 1049kg/m ³
Water Solubility:	Totally soluble in water

10. STABILITY AND REACTIVITY

Stability:	Stable at ambient temperature under normal conditions
Conditions to Avoid:	Extremes of temperature
Material to Avoid:	Strong oxidising agents and alkalis, carbon steel
Hazardous Decomposition Products:	None

11. TOXICOLOGICAL INFORMATION

Short term Acute Toxicity:	Acetic Acid Pure LC50 inhalation (rat) 4h 40mg/1 LD50 skin (rabbit) 1112mg/kg LD50 oral (rat) 3310mg/kg
Inhalation Consequences:	Very extreme inhalation may cause lung oedema which can be fatal. Very corrosive to body tissue and respiratory tract
Ingestion Consequences:	Will cause severe irritation and burning to mouth and digestive tract.
Skin Local Effect:	Will cause severe irritation and burning to the skin
Eye Local Effect:	Will cause severe irritation and burning to the eyes
Long Term:	No information

12. ECOLOGICAL INFORMATION	
Etoxicity:	The product and its components are not environmentally hazardous. However, this does not exclude the possibility that large and frequent spills have a harmful or damaging effect on the environment
Mobility:	The product is completely soluble in water
Biogradability:	Readily biodegradable, no bio accumulation expected.
13. DISPOSAL CONSIDERATIONS:	
Product:	Dispose of waste in accordance with National and Local Environmental Regulations
Contaminated Packaging:	Empty packaging and dispose of in accordance with National and Local Regulations
14. TRANSPORT INFORMATION	
Rail/Road (Rid/ADR)	Class 8 UN Number 2790 Classification Code 3 Packing Group III Labelling 8
Sea (IMO?MDG)	Class 8 UN Number 2790 Packing Group III Labelling 8 Corrosive Marine Pollutant No. Emergency Schedule (EmS)89-05 Medical First Aid Guide (MFAG) 700
Air (ICAO-/ATA)	Class 8 UN Number 2790 Packing Group II Labelling 8 Corrosive Cargo Aircraft Packing Instructions 813 Quantity 30L Passenger Aircraft
UK Rail/Road	
15. REGULATORY INFORMATION	
Labelling:	
Classification:	R34, S1/2, S23, S26, S45
UK National Regulations:	Handle in accordance with British Legislation Chemical Hazard Information and Packaging for Supply Regulation 1966 Control of Substances Hazardous to Health Regulation 1988 Environmental Hygiene Guidance EH/40 Occupational Exposure Limits (revised annually).

	<p>Environmental Protection Act 1990 Collection and Disposal of Waste Regulation 1988 Special Waste Collection 1996 Carriage of Dangerous Goods by Rail Regulation 1996 Carriage of Dangerous Goods by Road Regulation 1996</p>
16. OTHER INFORMATION	
<p>Hazard Symbols:</p> <p>Risk Phase:</p> <p>Safety Phases:</p> <p>Legislation:</p> <p>Uses:</p> <p>Dilution Rate:</p> <p>DS No:</p> <p>Issue:</p> <p>Date:</p>	<p>Corrosive and causes burns</p> <p>R34 causes burns</p> <p>S1/2 keep locked up and out of reach of children S20/21 when using do not eat, drink or smoke S23 do not breath 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 where possible)</p> <p>Conforms to the Food and Safety Act</p> <p>For dilution for culinary purposes i.e. condiment or pickling</p> <p>To have a 4% solution mix one part of clear non brewed condiment essence to nine parts of water</p> <p>19</p> <p>1</p> <p>August 2010</p>

To the best of our knowledge the information contained herein is accurate and given in good faith. However, the company accept no liability for the accuracy or completeness of the information. The application, use and process of our products is beyond our control, therefore determination of suitability of the mixture is the responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Any information other than contained in this document must be confirmed in writing by the informant.