






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)	MALTFLAVEN PURE CONDIMENT ESSENCE MF 161, MF 121, MF 71 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 style="width: 100%; border: none;"> <tr> <td style="width: 25%;">Acetic Acid</td> <td style="width: 25%;">Caramel</td> <td style="width: 25%;">Salt</td> <td style="width: 25%;"></td> </tr> <tr> <td>64-19-7</td> <td>8028-89-5</td> <td>007647-14-5</td> <td>In</td> </tr> <tr> <td>200-58—7</td> <td></td> <td>231-598-3</td> <td>Water</td> </tr> <tr> <td>260</td> <td>150</td> <td></td> <td></td> </tr> </table>	Acetic Acid	Caramel	Salt		64-19-7	8028-89-5	007647-14-5	In	200-58—7		231-598-3	Water	260	150		
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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>

8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT:	
Protective Equipment Exposure Limit: Respiratory Protection: Eye Protection: Skin Protection: Hand Protection:	  Acetic Acid Pure 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) If insufficient ventilation, suitable respiratory protection Suitable goggles Suitable protective clothing Suitable gloves
9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance: Odour: PH: Thermal Decomposition: Flash Point: Density: Water Solubility:	Dark brown liquid Pungent Approximately 0.5 to 1.50 >100 ^c N/A Approximately 1049kg/m ³ Totally soluble in water
10. STABILITY AND REACTIVITY	
Stability Conditions to Avoid: Material to Avoid: Hazardous Decomposition Products:	Stable at ambient temperature under normal conditions Extremes of temperature Strong oxidising agents and alkalis, carbon steel None
11. TOXICOLOGICAL INFORMATION	
Short term Acute Toxicity: Inhalation Consequences:	Acetic Acid Pure LC50 inhalation (rat) 4h 40mg/1 LD50 skin (rabbit) 1112mg/kg LD50 oral (rat) 3310mg/kg 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	
Etotoxicity:	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 C3 Packing Group II (MF161) Group III (MF121 & MF71) Labelling 8
Sea (IMO/IMDG)	Class 8 UN Number 2790 Packing Group II (MF161) Group III (MF121 & MF71) Labelling 8 Corrosive Marine Pollutant No. Emergency Schedule (EmS) 89-05 Medical First Aid Guide (MFAG) 700
Air (ICAO-IATA)	Class 8 UN Number 2790 Packing Group II (MF161) Group III (MF121 & MF71) Labelling 8 Corrosive Cargo Aircraft Packing Instructions 813 Quantity 30L Passenger Aircraft Packing Instruction 89 Quantity 1L
UK Rail/Road	Emergency Action Code 2R

15. REGULATION 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) 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
16. OTHER INFORMATION	
Hazard Symbols:	Corrosive and causes burns
Risk Phase:	R34 causes burns
Safety Phases:	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)
Legislation:	Conforms to the Food and Drugs Act
Uses:	For dilution for culinary purposes i.e. condiment, or preserving
Dilution Rate:	To have a 4% solution see label on container Acetic Acid content 16-1 (68%), 12-1 (52%), 7-1 (32%)
DS No:	10
Issue:	1
Date:	April 2010

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.