

**Material/Process**  
**ASTONISH ALL IN 1 DISHWASHER TABLETS**



**Health Hazards**

Minimal risk of exposure when intact  
 Causes serious eye damage  
 May cause respiratory irritation  
 Causes skin irritation  
 May cause an allergic skin reaction  
 Harmful to aquatic life with long lasting effects  
 If dust produced see below  
 May cause ill health if ingested in quantity  
 May cause allergic reaction in susceptible individuals by inhalation

**Considerations**



**HIGH HAZARD**

SOLID

**Supplier** THE LONDON OIL REFINING CO LTD  
**Keyword** Dishwasher Tablets

**Contents**  
 Sodium carbonate: 10 - 30%, Citric acid monohydrate: 5 - 10%, Disodium carbonate, compound with hydrogen peroxide (2:3): 5 - 10%, Sodium silicate powder: 5 - 10%, Alcohols,-C12-18,-ethoxylated-and-propoxylated-: 1 - 5%, Subtilisin: < 1%, amylase: < 1%, Limonene: < 1%

**Signal Word** Danger  
**Exp Limit** Sodium carbonate 10mg/m3 Inhl8hTWA 4mg/m3 Resp8hTWA WEL, Subtilisin 4e-005mg/m3 8hTWA WEL, Limonene 150mg/m3 8hTWA

Method	Dissolving	Area	Inside Well Ventilated	Exposure	Less than 5 minutes per shift
LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		
LOW ACUTE RISK - INDIVIDUAL ACTIVITY			LOW CHRONIC RISK		

**Control Measures**



**Spillage**

Avoid excessive exposure to hands/skin - use suitable gloves if necessary  
 Contain and collect material  
 Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

**First Aid**

Ensure access to eyewash station for emergency use  
 In case of allergic reaction/anaphylactic shock call for immediate assistance from trained first aiders  
 Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill  
 Ingestion - do not induce vomiting, wash out mouth with water  
 If feeling unwell consult your doctor immediately  
 Eye contact - irrigate using eyewash & get immediate medical attention  
 Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

**Fire**

Isolated small scale fire:  
 Water fog - carbon dioxide - powder - foam - inert material  
 Do not use water jet  
 Large fire: evacuate area, call fire brigade or follow site procedure  
 Wear self-contained breathing apparatus and protective clothing

**Activity Comments**



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Method	Dosing	Area	Inside Well Ventilated	Exposure	Less than 5 minutes per shift
LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		

**Spillage**  
 Avoid excessive exposure to hands/skin - use suitable gloves if necessary  
 Contain and collect material  
 Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

Control Measures	LOW ACUTE RISK - INDIVIDUAL ACTIVITY	LOW CHRONIC RISK
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**First Aid**  
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Method	Dispensing	Area	Inside Well Ventilated	Exposure	Less than 5 minutes per shift
LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		

**Spillage**  
 Avoid excessive exposure to hands/skin - use suitable gloves if necessary  
 Contain and collect material  
 Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

Control Measures	LOW ACUTE RISK - INDIVIDUAL ACTIVITY	LOW CHRONIC RISK
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Method	Handling	Area	Inside Poorly Ventilated	Exposure	Less than 5 minutes per shift
LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		

**Spillage**  
 Avoid excessive exposure to hands/skin - use suitable gloves if necessary  
 Contain and collect material  
 Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

Control Measures	LOW ACUTE RISK - INDIVIDUAL ACTIVITY	LOW CHRONIC RISK
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 KEEP SKIN COVERED	 POLYTHENE OR NITRILE	 IF CONTACT POSSIBLE		 WASH AFTER USE	 IF SOILED
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**Fire**  
 Isolated small scale fire:  
 Water fog - carbon dioxide - powder - foam - inert material  
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 Large fire: evacuate area, call fire brigade or follow site procedure  
 Wear self-contained breathing apparatus and protective clothing



**Activity Comments**  
 Handling materials unlikely to result in occupational exposure due to physical form or to release contents from sealed containers; minimal contact envisaged. In the event of a spill please refer to spillage section.

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LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		
LOW ACUTE RISK - INDIVIDUAL ACTIVITY			LOW CHRONIC RISK		

**Control Measures**

KEEP SKIN COVERED	POLYTHENE OR NITRILE	IF CONTACT POSSIBLE		WASH AFTER USE	IF SOILED

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LOW ACUTE RISK - FULL EXPOSURE			LOW CHRONIC RISK - FULL EXPOSURE		
LOW ACUTE RISK - INDIVIDUAL ACTIVITY			LOW CHRONIC RISK		

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