



**PARAGON**  
Hygiene Specialists

**Quality  
Hygiene and Maintenance  
Products**

**MULTI-SURFACE  
DEGREASER -  
STERILISER**

**PURIFY**  
CODE: F03

- **RECOMMENDED FOR ALL FOOD PREPARATION AREAS •**
- **DISSOLVES GREASE, OIL AND OTHER STUBBORN SOIL RESIDUES •**

**PURIFY** is a sophisticated blend of fully biodegradable and environmentally safe alcohol ethoxylate surfactants, alkalis and a powerful bactericide specially developed to tackle heavy duty cleaning tasks on a wide variety of surfaces.

**PURIFY'S** formula has been analytically tested to **BS 3286**. This confirms its effectiveness against the following:

**TEST ORGANISMS:** Staphylococcus Aureus, Escherichia Coli, Pseudomonas Aeruginosa, E. Coli 0157, Listeria Monocytogenes.

**Foodscan Laboratories Ltd.      D&M Clark (Analytical Services) Ltd.**  
*(Full test results on request)*

Recommended For:		Ideal For:	
Food production, Kitchens	✓	Walls and Floors, Vinyl's	✓
Meat industry, Bakeries	✓	Plastics, Paintwork, Metals	✓
Leisure industry	✓	Catering equipment	✓
Contract cleaning	✓	Ceramic tiles,	✓
<b>DIRECTIONS FOR USE</b>	<b>DILUTE WITH</b>	<b>DILUTION RATIO</b>	<b>Contact time</b>
Heavy soiling, Grease build-up	Hot water	Up to 5:1	20 Second
Spray Cleaning	Hot/ Cold water	Up to 10;1	20 Seconds
General Cleaning, Hard Surfaces	Hot / Cold water	Up to 60:1	3 Minutes
General Cleaning, Hard Surfaces	Hot / Cold water	Up to 100:1	5 Minutes

Apply with mop, brush or spray. Allow to soak, then rinse with clean water.

**N.B.** Care should be taken when cleaning aluminum or alkali sensitive surfaces as strong solutions or long contact times may cause discoloration.



**• Food Industry •**

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REVISION 1: 01/11/2006

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** F03 PURIFY

**Use / description of product:** Alkali Cleaner/Degreaser/Sanitiser

**Company name:** PARAGON PRODUCTS (UK) LTD.  
NEWHAILES INDUSTRIAL ESTATE, NEWHAILES ROAD,  
MUSSELBURGH, EAST LOTHIAN, EH21 6SY.  
TEL: 0131 653 2222 FAX: 0131 653 2272

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name:	EINECS:	CAS:	RISK PHRASES:
Sodium Hydroxide	215-185-5	1310-73-2	R35
Sodium Nitrite	007632-00-0	231-555-9	R8,25,50
Non-ionic Surfactant		68131-39-5	R22, 41, 50

## 3. HAZARDS IDENTIFICATION

**Inhalation:** May cause soreness of throat.

**Ingestion:** May cause significant systemic effects if swallowed. Signs and symptoms include possible nausea and/or vomiting.

**Skin:** Contact may cause stinging or irritation.

**Eyes:** May cause irritation to eyes accompanied by redness and/or burning, which may be severe with tear formation.

**Environmental Effects:** Not expected to cause significant environmental impact.

## 4. FIRST AID MEASURES (SYMPTOMS)

**Skin Contact:** Drench the affected skin with running water to remove all traces of product. Wash skin with soap and water.

**Eye Contact:** Bathe the eye with running water for 10 minutes.

**Ingestion:** Do not induce vomiting. If swallowing has occurred drink plenty of water and seek medical advice immediately. Never give anything by mouth to an unconscious person.

**Inhalation:** Remove casualty from exposure and allow to rest.

## 5. FIRE-FIGHTING MEASURES

Not classed as flammable however if involved in fire may emit noxious fumes. Extinguish with carbon dioxide (CO<sub>2</sub>), dry chemical powder or foam. Keep containers cool by water spray.

Heating may cause pressure rise with risk of container bursting.

In serious fire it may be necessary to wear compressed air breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spillages:** Hose down with cold water.

**Large Spillages:** Construct temporary dikes with any suitable inert material to prevent the product spreading. Transfer to suitable containers for recovery or disposal. Wash down remaining material with water.

**Personal Precautions:** Wear appropriate protective clothing. See Section 8. Material may create slippery conditions underfoot.

**Environmental Precautions:** Try to prevent the material from entering drains or watercourses. Advise Authorities if large spillage has entered watercourses or sewer or has contaminated soil or vegetation.

## 7. HANDLING AND STORAGE

**Handling Requirements:** Avoid contact with eyes, skin and clothing. Keep container tightly closed when not in use.

**Storage Conditions:** Store away from sources of heat or ignition. Store in original containers as supplied by manufacturer.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Occupational Exposure Standards:** No occupational exposure limit listed in current editions of EH40 (UK Health and Safety Executive Threshold Limit Values) (American Conference of Governmental Industrial Hygienists.)

The following protection is recommended.

**Respiratory Protection:** Not normally required in well ventilated areas.

**Hand Protection:** Rubber gloves.

**Body Protection:** Wear suitable Heavy Duty overalls.

**Eye Protection:** Eye protection recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Thick liquid

**Colour:** Blue

**Odour:** Odourless

**pH Value:** 12.5 – 13.0

**Boiling Range/Point:** N/A

**Melting Point:** N/A

**Flash Point:** >100

**Solubility in Water:** Soluble

**Density (kg/m<sup>3</sup>):** ca 1090 at 20 °C

**Viscosity:** N/A

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Protect from frost.

**Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Harmful by ingestion.

**Irritation Skin:** This material is an irritant to the skin.

**Irritation Eyes:** Expected to cause irritation to the eyes.

## 12. ECOLOGICAL INFORMATION

**Ecological Overview:** Not expected to cause significant environmental impact.

**Mobility:** The product will dissolve in water.

**Persistence / Degradability:** The product is readily biodegradable.

**Bioaccumulation:** Inappropriate.

**Ecotoxicity:** The product is toxic to aquatic organism.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** When disposing of waste or surplus material avoid contact with the eyes and skin. See Section 8 for personal protection equipment. Where practical, surplus material should be recovered and recycled. Dispose of in accordance with all applicable local and national regulations. Seek advice from local waste authority or supplier for guidance.

**Container Disposal:** Labels should not be removed from containers unless thoroughly washed and cleaned. Dispose of empty containers with care.

## 14. TRANSPORT INFORMATION

UK Road : SI No. 1850

R34 : Causes Burns

Packaging Group 111

Hazardous Class 8

## 15. REGULATORY INFORMATION

**Hazard symbols:** Irritant



**IRRITANT**

**Risk Phrases:**

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

**Safety Phrases:**

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: After contact with skin, wash plenty of water.

S25: Avoid contact with eyes.

S24: Avoid contact with skin.

S2: Keep out reach of children.

S36/37/39: Wear suitable protective clothing, gloves & eye/face protection.

**Addition Classification Information:** This product is classified on the basis of information compiled by CESIO on the toxicological properties of surfactants.

## 16. OTHER INFORMATION

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.