



**PARAGON**  
Hygiene Specialists

**Quality  
Hygiene and Maintenance  
Products**

**BACTERICIDAL  
HAND CLEANSER**

**BIO HANDS**

CODE: H02

- **ADDED SKIN CONDITIONERS** •
- **FOOD SAFE FORMULA** •
- **FULLY BIODEGRADABLE AND PHOSPHATE FREE** •

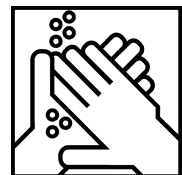
**BIOHANDS** is a high active bactericidal hand soap and cleanser which emulsifies dirt and grease leaving hands fully cleansed.

Due to it's bactericidal properties it is especially **Recommended** for use in all **Food preparation areas, schools, canteens, food manufacturing, hospitals, nursing homes, offices, etc.**

### **DIRECTIONS FOR USE**

Wet hands, apply **BIOHANDS**, lather and rinse off.  
Use a nail brush to clean under finger nails.  
Dry hands thoroughly.

**N.B.** For total hand sterilisation:  
Use **PURE HANDS**, instant hand sanitiser. (Code H01)



### • **Handcare** •

Paragon Products (UK) Ltd Tel: 0131 653 2222 Fax: 0131 653 2272  
[www.paragononline.co.uk](http://www.paragononline.co.uk)

Newhailes Industrial Estate, Newhailes Road, Musselburgh, East Lothian, EH21 6SY



Revision 1: 01/11/2006

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

**Product name:** H02 BIOHANDS

**Use / description of product:** Hand Soap

**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:
Anionic Surfactant		137-16-6	R36
Ether Sulphate		13150-00-0	R38,41
2,4,4-Trichloro-2-hydroxy-diphenyl ether		3380-34-5	R36/38,50,53
Sodium Alkyl Ethoxy Sulphate		68585-34-2	R36/38,50,53
Propylene Glycol		57-55-6	R36/38

## 3. HAZARDS IDENTIFICATION:

**Inhalation:** Not expected to be a hazard under normal conditions of use.

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

**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 PROCEDURES

**Skin Contact:** Always wash off with water.

**Eye Contact:** Bathe the eye with running water for 15 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.

## 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. Absorb remaining material with sand or other inert material.

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

**Storage:** 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.

**Hand Protection:** Not required.

**Body Protection:** Not normally required.

**Eye Protection:** Avoid contact with eyes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Viscous liquid.

**Colour:** Yellow

**Odour:** Odourless

**pH Value:** 7-8

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

**Melting Point:** Not Applicable.

**Flash Point:** N/A

**Solubility in Water:** Soluble

**Density (kg/m<sup>3</sup>):** 0.995-1.01

**Viscosity:** N/A

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

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

**Hazardous Decomposition Products:** In combustion emits toxic fumes.

## 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Harmful by ingestion.

**Irritation Skin:** This material isn't normally an irritant to 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

**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

R22 : Harmful if swallowed.

## 15. REGULATORY INFORMATION

**Labelling Information:** Low Hazard

**Risk Phrases:**

R22:Harmful if swallowed.

R36: Irritating to eyes.

**Safety Phrases:**

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

S25: Avoid contact with eyes.

S2: Keep out reach of children.

## 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.