



PARAGON
Hygiene Specialists

*Quality
Hygiene and Maintenance
Products*

**LIQUID DETERGENT
STERILISER**

**BEER LINE
CLEANER**

CODE: F11

- **CLEANS AND STERILISES BEER PIPELINES** •
- **EFFECTIVE IN BOTH HARD AND SOFT WATER AREAS** •
- **NON-TAINTING AND FREE RINSING** •

BEER LINE CLEANER is a *hypochlorite* based detergent specially formulated for the cleaning and sterilising of beer pipelines and equipment.

BEER LINE CLEANER is effective against a wide range of bacteria which may contaminate beers and lagers.

DIRECTIONS FOR USE

Flush line with clean water and drain.

Draw a solution of 30-60 mls per 5 litres into the line until full.

Allow to stand for 20 minutes and then rinse fully with fresh water.

• **Food Industry** •

Paragon Products (UK) Ltd Tel: 0131 653 2222 Fax: 0131 653 2272

www.paragononline.co.uk

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



REVISION 1: 01/11/2006

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

Product name: F11 BEERLINE CLEANER
Use / description of product: Pipe Line Cleaner

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
Trisodium Nitrotriacetate	225-768-6	5064-31-3	R22,36

3. HAZARDS IDENTIFICATION

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

Skin: Causes severe burns.

Eyes: Causes severe burns.

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.

Eye Contact: Bathe the eye with running water for 10 minutes. If symptoms persist obtain medical advice.

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 foam, dry chemical powder or halogenated hydrocarbons. Do not use water. Keep containers cool by water spray. Heating may cause pressure rise with risk of container bursting. In serious fire it is necessary to wear compressed air breathing apparatus and impervious body suit.

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.

Hand Protection: Rubber gloves.

Body Protection: Wear suitable heavy duty overalls and safety shoes or boots.

Eye Protection: Suitable safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Clear liquid

Colour: Straw

Odour: Minimal

pH Value: 13-13.5

Boiling Range/Point: N/A

Melting Point: Not Applicable.

Flash Point: >100

Solubility in Water: Soluble

Density (kg/m³): ca. 1270 at 20 °C

Viscosity: N/A

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Protect from frost. Keep away from oxidising agents and strong acid/alkaline materials to prevent exothermic reactions.

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: Low.

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

IMDG : Class 8

ADR : 11

UK Road:1760

15. REGULATORY INFORMATION

Hazard symbols: Corrosive



CORROSIVE

Risk Phrases:

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R35: Causes severe burns.

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 with 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 and eye/face protection.

S27: Take off immediately all contaminated clothing and do not replace until thoroughly laundered.

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.