

HEAVY DUTY MULTI-PURPOSE DE-GREASER

TITAN

CODE: E09

- **MULTI-PURPOSE FOR ALL HARD SURFACES •**
- **EFFECTIVELY DISSOLVES OIL AND GREASE •**
- **RESIDUE FREE FINISH •**

TITAN is an extremely effective multi-purpose cleaner and de-greaser developed specially to remove the widest variety of hard surface soiling

Recommended for all heavy duty cleaning tasks

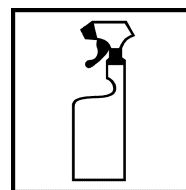
TITAN's formula will also dissolve stubborn ingrained soiling including: old polish, carbon residue, smoke, grease, paper and glue residue.

Recommended For:		Ideal For:	
Industrial cleaning	✓	Equipment, Filters, grease removal	✓
Kitchen floors, Hard surfaces	✓	Tiles and grouting, plastics	✓
Ventilation system cleaning	✓	Stainless Steel equipment, metals	✓
Metals, Alloys	✓	Carpet spot cleaning	✓

DIRECTIONS FOR USE	DILUTE WITH	DILUTION RATIO
Heavy soiling, Grease build-up	Hot water	Up to 10:1
Foam Spray Cleaning	Hot/ Cold water	Up to 20;1
General Cleaning, Hard Surfaces	Hot / Cold water	Up to 50:1

DIRECTIONS FOR USE

Pre-wet surface to prevent streaking.
Dilute in hot or cold water and apply by spray or brush.
Allow time to penetrate, and if necessary agitate with a stiff brush or scouring pad.
Rinse with clean water.



• **Industrial Hygiene •**

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REVISION 1: 01/11/2006

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING**Product name:** E09 TITAN**Use / description of product:** HEAVY DUTY MULTI-PURPOSE DE-GREASER

Company name: PARAGON PRODUCTS (UK) LTD.
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2. COMPOSITION / INFORMATION ON INGREDIENTS

Substance Name:	EINECS:	CAS:	RISK PHRASES:
PTrisodium Nitrilotriacetate	225-768-6	5064-31-3	R22,36
Sodium Metasilicate	229-912-9	6834-92-0	R34,37
2-Butoxyethanol	203-905-0	111-76-2	R20/21/22, 36/38
Alky benzene Sulphonic Acid		85117-49-3	R34,22
Tall Oil		61790-12-3	
Non-ionic Surfactant			R22,41

3. HAZARDS IDENTIFICATION**Ingestion:** May cause significant systemic effects if swallowed. Signs and symptoms include possible nausea and/or vomiting.**Skin:** Prolonged contact may cause dryness 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. Treat symptomatically.**5. FIRE-FIGHTING MEASURES**Not classed as flammable however if involved in fire may emit noxious fumes. Extinguish with carbon dioxide (CO₂), 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 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.**Eye Protection:** Wear suitable eye/face protection.**Body Protection:** Wear suitable overalls.**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Clear liquid**Colour:** Fluorescent green**Odour:** Lemon perfume**pH Value:** 12.5 – 13.0**Boiling Range/Point:** N/A**Melting Point:** Not Applicable.**Flash Point:** >100**Solubility in Water:** Soluble**Density (kg/m³):** ca. 1090 at 20 °C**Viscosity:** N/A**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Protect from frost. Do not mix with other chemicals.**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**

UN No. 1760

Hazardous Class 8

Packaging Group 111

15. REGULATORY INFORMATION**Hazard symbols:** Irritant**IRRITANT****Risk Phrases:**

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

Safety Phrases:

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

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.

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.