



SAFETY DATA SHEET

TARMAC OIL CLEANER

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

Product name: TARMAC OIL CLEANER
Supplier name: Pure Clean Waste Solutions Ltd
 Old Moor Road,
 Bredbury,
 Stockport,
 SK6 2QE
Tel: 0161 430 5390
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2 DESCRIPTION / PROPERTIES (nature, reactivity)

A unique biological cleaner designed to remove residues of oils, greases and other hydrocarbon products by enhanced bacterial degradation. Particularly effective at removing oil from tarmac etc. Aqueous suspension of selected natural bacteria, nutrients and cleaning agents. Cleans off hydrocarbon residues by bacterial oxidation to carbon dioxide and water, with no adverse environmental impact or harmful residues. Application rate is approximately 0.5 – 2.0 square metres per litre depending on surface porosity.

3 COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT	CAS NO	EINECS	CONCENTRATION	HAZARD	RISK PHRASES	WEL
EDTA Tetra sodium salt	--	--	0 ➔ 2%	Xi	R36/38	--
Dipropylene glycol mono methyl ether	34590-94-8	252-104-2	0 ➔ 5%	--	--	WEL
Isopropylamine Dodecylbenzene sulphonate	--	247-556-2	0 ➔ 5%	Xi	R41, 38	--
Alcohol ethoxylate	--	Polymer	0 ➔ 5%	Xi	R22, 41	--

Non-pathogenic organisms – Class 1 (European Federation of Biotechnology)

HAZARD IDENTIFICATION

Fire/Explosion Hazard (stability, flammability, combustion products): Product is not classified as combustible or flammable.
Health Hazard (inhalation, ingestion, contact with skin or eyes): Irritating to eyes. Avoid contact with skin and in particular, with the eyes. Low risk from inhalation but avoid excessive inhalation of vapour e.g. from sprays. Low order of acute oral toxicity but do not ingest.
Environmental Hazard: Product is not classified as hazardous to the environment.

4 FIRST AID MEASURES

Skin contact: Wash affected area thoroughly with clean water. Remove contaminated clothing and launder before re-use.
Eye contact: Irrigate with plenty of clean water. Obtain medical advice.
Ingestion: Do not swallow, wash out mouth with water. If swallowed drink water and obtain medical attention. Do not induce vomiting.
Inhalation: Low risk in normal usage. Remove to fresh air. Rest and keep warm. If symptoms of distress persist seek medical attention.

5 FIRE-FIGHTING MEASURES

Extinguishing media: If involved in a fire, use extinguishing media appropriate to the source of the fire.
Protection for fire fighters: Wear self-contained breathing apparatus. Wear protective clothing.

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6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out contaminated area with signs and prevent access to unauthorised personnel.
Environmental precautions: Prevent discharge of large quantities of concentrate to drain or water courses.
Clean-up procedures: Disperse small spillages with large excess of water. Large spillages - contain, absorb and pick up, place in sealed containers for disposal via licensed contractor. Wash down traces with excess of water.
 For waste disposal contact Pure Clean Waste Solutions Ltd to dispose of contaminated absorbent material in line with regulations – see section 13.

7 HANDLING AND STORAGE

Usage Precautions: After handling wash hands and face with soap and water.
Usage Description: A unique biological cleaner designed to remove residues of oils, greases and other hydrocarbon products by enhanced bacterial degradation. Particularly effective at removing oil from tarmac etc. Aqueous suspension of selected natural bacteria, nutrients and cleaning agents. Cleans off hydrocarbon residues by bacterial oxidation to carbon dioxide and water, with no adverse environmental impact or harmful residues. Application rate is approximately 0.5 – 2.0 square metres per litre depending on surface porosity.
Application: Recommended dilution range 2-5% depending on soiling.
Storage Precautions: May be stored for periods over six months in plastic containers as supplied. Avoid temperatures above 45oC and protect from frost.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Limits: (2-methoxymethylethoxy)propanol 8hr TWA 50ppm / 308mg/m3 (EH40: 2005)
 Under normal conditions of use this limit is unlikely to be exceeded.

Protective Equipment
Engineering Measures: Provide eyewash station. Ensure good natural ventilation.
Hand Protections: Use protective gloves made of neoprene or nitrile.



Eye Protection: Wear safety glasses.



9 PHYSICAL AND CHEMICAL PROPERTIES

Density at 20oC : 1.005 – 1.015
Vapour Pressure at 20oC : Essentially Water Vapour
Solubility in Water : Soluble
pH : 7.0 – 9.0
Flash Point : N/A

10 STABILITY AND REACTIVITY

Stability: Stable.
Materials to avoid: No known adverse reactions.
Hazardous Decomposition Products: No typical hazardous decomposition products known

11 TOXICOLOGICAL INFORMATION

Respiratory: Not likely to occur.
Ingestion: Low acute toxicity. May cause irritation to mucous membranes in mouth, throat, stomach and intestinal canal.
Skin Contact: May be irritating to skin on prolonged or repeated skin contact.
Eye Contact: Irritating to eyes.

COMPONENTS	ACUTE TOXICITY
Dipropylene glycol mono methyl ether	LD50 oral (rat): 5000mg/kg
Isopropylamine dodecyl benzene sulphonate	LD50 oral (rat): >2000mg/kg
Alcohol ethoxylate	Oral: 200< LD50<2000mg./kg Dermal: LD50>2000mg/kg Inhalation: LC50>5mg/L

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12 ECOLOGICAL INFORMATION

COMPONENTS	ACUTE TOXICITY
Alcohol ethoxylate	Fish: 1< LC50<10mg./L Daphnia: 1< LC50<10mg./L Algae: 1< LC50<10mg./L

Degradability: The surfactants contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request or at the request of a detergent manufacturer.

Bioaccumulation: No bioaccumulation is expected. The product is biodegradable and water-soluble.


13 DISPOSAL CONSIDERATIONS

Disposal Methods: Disperse small spillages with large excess of water. Return unwanted material to the supplier

14 TRANSPORT INFORMATION

Road Transport Notes: Not Classified
Rail Transport Notes: Not Classified
Sea Transport Notes: Not Classified
Air Transport Notes: Not Classified
Environmentally: No

15 REGULATORY INFORMATION

Hazard symbols: Irritant Xi 

Risk phrases: R36 Irritating to eyes.
Safety Phrases: S26 In case of contact with the eyes rinse immediately with plenty of water and seek medical advice.
UK Regulatory References: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.
 EH40/2005: Workplace Exposure Limits 2005.
EC Directives: Dangerous Preparations Directive (1999/45/EC).
 Safety Data Sheets Directive (2001/58/EC).
Approved Code of Practice: The Compilation of Safety Data Sheets.

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. Pure Clean Waste Solutions Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.