



HYDRA-CLEAN DGL8

A neutral cleaner designed for light to heavy duty cleaning of Steel, Cast Iron, aluminium and alloy surfaces

Product Description:

Hydra-Clean DGL8 Cleaner is a liquid cleaner designed for the cleaning of Steel and Cast iron, aluminium and alloy surfaces,

The product is inhibited to prevent any etching of alloy substrates, and gives good residual corrosion inhibition to cast iron and steel parts.

Hydra-Clean DGL8 is formulated from plant derived surfactants and sequestrants, and does not contain silicates, caustic alkalis or NTA. The synergistic combination of these natural materials gives very high cleaning performance, and will remove a wide range of oils, greases and soils.

Application Rates & Methods:

Hydra-Clean DGL8 Cleaner is designed for use in applications such as Soak, ultrasonic cleaning

DGL8 is also suitable for use in small heated part washers for a safe alternative to traditional solvent cleaner that are currently used.

DGL8 is a neutral product that will run at concentrations of 1% to 10% at temperatures of between 30 and 75°C. Cleaning cycle times may vary depending on the level of contamination.

Typical Physical Characteristics:

Appearance:	Clear brown liquid
pH (as concentrate):	Typically 8.5 – 9.5
pH 2% solution	Typically 8 to 9.5
Specific Gravity:	Typically 1.05 – 1.10
Solubility	100% in water

Storage & Handling:

Shelf Life:

At least 12 months in original container.

Protect against frost. Where product has been stored in cold temperatures, leave to reach ambient temperature prior to use.

Handle in accordance with good industrial practice; no special precautions required with product alone.

Disposal

Hydra-Clean DGL8 is fully biodegradable and used solutions can be safely run to foul drain. Rinse water contaminated with oils and greases as part of the cleaning process should be collected and disposed of in accordance with Local Authority Regulations.

Health & Safety:

Hydra-Clean DGL8 Cleaner is not classified as irritant. More detailed information can be obtained from the appropriate Material Safety Data Sheet.

Contact:

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Partswash Ltd endeavours to ensure that any advice, recommendation or information given in product literature is accurate and correct. However, Partswash has no control over the circumstances in which product is used and it is therefore important that the end user is satisfied, by prior testing, that the product and conditions of use are suitable for the specific application. Accordingly no responsibility can be accepted, or any warranty given by Partswash Ltd, our representatives, agents or distributors, other than that the product as supplied will meet our written specification. Products are sold subject to Partswash Ltd standard conditions of sale and each purchaser and end-user should at all times ensure that they have consulted the latest product instructions and safety information.



1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY				
Product Name	Hydra-Clean DGL8			
Product Type	Neutral soak cleaner for use on steel, cast iron and aluminium			
Company	PARTS WASH LTD STANDARD WAY IND ESTATE NORTHALLERTON NORTH YORKSHIRE DL6 2XE			
Emergency	telephone:+44 (0)1609 760555 facsimile: +44 (0)1609 773211			
2. COMPOSITION/INFORMATION ON INGREDIENTS				
Declared Substances	%	CAS Number	Symbol	R Phrases
Plant derived Non-ionic surfactants	<5%			
3. HAZARDS IDENTIFICATION				
Label Information	Not classified as hazardous in accordance with the Chemical (Hazards Information and Packaging for Supply) Regulations 1994 and its amendments.			
Specific Hazards	This product will cause de-fatting and some irritation to the skin and the eyes.			
4. FIRST AID MEASURES				
Eye Contact	Rinse immediately with water, seek medical advice if symptoms occur.			
Skin Contact	Rinse with water advisable after use.			
Ingestion	Rinse mouth with water, drink a copious quantity of water if a large quantity has been ingested; do not induce vomiting. Seek medical advice if symptoms occur.			
Inhalation	If symptoms occur, move the exposed person to fresh air immediately. Seek medical advice if symptoms persist.			
5. FIRE FIGHTING MEASURES				
Fire & Explosion hazards	Not applicable as the product is water based and non combustible.			
Extinguishing Media	Water, foam, carbon dioxide and dry powder extinguishers.			
Unsuitable Extinguishing media	None			
Fire Fighting Equipment	Standard			
6. ACCIDENTAL RELEASE MEASURES				
Personal Precautions	Spillages may create unusually slippery surfaces.			
Environmental Precautions	Small spills may be washed to drain. Large quantities should be contained and disposed of in accordance with Local Authority Guidelines. See Section 13.			
Clean-up methods	Small spills may be washed to drain with large quantities of clean water. Large spills of concentrated product should be contained, absorbed onto dry sand or a similar material and placed in suitable containers for disposal.			
7. HANDLING AND STORAGE				
Handling	Handle in accordance with good industrial practice, wearing personal protection equipment (safety goggles and impervious gloves) are advised when working with concentrated product.			
Storage	Store upright in original container, away from thoroughfares to avoid accidental damage. Keep away from sources of heat or direct sunlight.			
Usage	Natural ventilation is adequate during use.			
8. EXPOSURE CONTROLS/PERSONAL PROTECTION				
Exposure Controls	No exposure limits have been established for this product. Avoid contact with eyes, skin or clothes.			
Respiratory Protection	No personal respiratory protection equipment normally required.			
Hand Protection	Impervious gloves recommended.			
Eye Protection	Safety goggles recommended.			
Skin Protection	Protective overalls and shoes/boots recommended.			

9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance	Brown clear liquid
pH (concentrate)	Typically 8 – 9.5
Melting point/melting range	<0°C
Boiling point/boiling range	> 100°C.
Relative density	1.05 – 1.10
Odour/Taste	Mild, fatty
Flash Point	N/A.
Flammability Limits	Not applicable.
pH 2% solution	Typically 8 to 9.5
Autoflammable	Not applicable.
Solubility in water	Complete.
10. STABILITY AND REACTIVITY	
Stability	Stable under recommended storage conditions
Conditions to avoid	Extremes of temperature.
Materials to avoid	Strong oxidising agents.
Hazardous products of decomposition	Smoke, carbon monoxide, carbon dioxide, oxides of nitrogen.
11. TOXICOLOGICAL INFORMATION	
Toxicity	None known
Eye contact	Concentrated solutions will cause some irritation. No permanent damage expected if treated immediately.
Skin contact	Prolonged contact with concentrated solutions may cause de-fatting of surface and will cause some irritation.
Ingestion	Ingestion may cause irritation to mouth & throat.
Respiratory system	May cause some irritation.
12. ECOLOGICAL INFORMATION	
Bio-degradable	Considered to be biodegradable. Will decompose into simple non-toxic salts in the environment.
Environment	Non-hazardous to the environment
13. DISPOSAL CONSIDERATIONS	
Product	Dispose in accordance with Local Authority Regulations.
Container	Made from HDPE and should be disposed of in accordance with Local Authority Regulations.
14. TRANSPORT INFORMATION	
General	This product is not classified as hazardous for transportation.
15. REGULATORY INFORMATION	
Label Classification	Not classified as hazardous for labelling purposes.
Risk Phrases	None.
Safety Phrases	None.
16. OTHER INFORMATION	
Vendor Notes	<p>The above information, including the health, safety and environmental information and recommended precautions, is considered to be accurate at the time of issue, however no warranty, guarantee or representation, whether express or implied is given in respect of its accuracy. The information may not be accurate for all individuals and/or situations and/or applications. It is the obligation and responsibility of users to evaluate this information and to use the product safely and to comply with all applicable laws and regulations.</p> <p>Customers are reminded that there may be uses or applications for the product, which have the benefit of patent registration and you are therefore recommended in your own interest to take appropriate steps to avoid the infringement of such patents. Nothing herein may be construed as an authority or encouragement to use or apply the product in contravention of such rights.</p> <p>Parts Wash Ltd shall not be responsible for any damage, injury or loss, consequential or otherwise, resulting from the use of the product or from failure to adhere to recommendations.</p>