

**Glo-Flo Cleaners MATERIAL SAFETY DATA SHEET H.D. Degreaser**

<p><u>Manufacturer:</u> <b>Pak Arab Trading &amp; Shipping Agencies Pvt. Ltd.</b></p>	<p><u>Product:</u> <b>H.D.Degreaser</b></p>	
<p><u>Marketing Address:</u> Steel House, West Wharf Road,  Karachi- Pakistan. Tel: 92-21- 32201072 Fax: 92-21- 2310976 Emergency Phone: 92- 21- 2856601.</p>	<p>Form # MSDS052 Date Revised: 19-01-2004 Supersedes: 20-07-2003 G.F.P code: P-14</p>	

**SECTION I. IDENTIFICATION OF THE PRODUCT:**

**Identification:** **H.D. Degreaser**  
Kind of product: Alkaline cleaner  
Chemical characteristics: Organic compound

**SECTION II. COMPOSITION & INFORMATION ABOUT DANGEROUS COMPONENTS:**

Dangerous Components	%	Symbol	R-Phrases	CAS N <sup>o</sup>	EINECS N <sup>o</sup>
Nitriloacetic Acid	0.5-2.4	Xn	22-36	5064-31-3	225-768-6
Sodiummetasilicate, 5H <sub>2</sub> O	0.5-2.4	C	34-37	6834-92-0-1	229-912-9

**SECTION III. STABILITY AND REACTIVITY:**

Dangerous reactions with: None  
Circumstances to be avoided: None  
**Active Ingredients** **16%**  
Nitriloacetic Acid  
Sodium Metasilicate, 5H<sub>2</sub>O  
Sodium Hydroxide  
**Inert Ingredients** **84%**

**SECTION IV. RISKS:**

This is a harmless preparation. Normally no risks are to be expected, minor discomfort may occur.

**SECTION V. FIRST AID MEASURES:**

Skin contact: Rinse first with plenty of water, if necessary take to physician.  
Eye contact: Rinse first with plenty of water and take to physician.  
Ingestion: Have mouth rinsed with water and warn physician or take to Hospital.

**SECTION VI. FIRE FIGHTING MEASURES:**

Fire extinguishing agents: None flammable.  
Extinguishing agents to be avoided: None.

**SECTION VII. PHYSICAL AND CHEMICAL PROPERTIES:**

Boiling point:	100°C
PH:	14±1
Relative density@20°C :	1.090
Flash point°C:	/
Ignition point°C:	/
Solubility in water:	Completely soluble.
Viscosity:	Higher than water.
Odor:	practical odorless.

**SECTION VIII. MEASURES IN CASE OF ACCIDENTAL REALEASE OF THE PRODUCT:**

Preventive Measures:	Keep in a well-closed container.
Personal safety measures:	No eating, drinking or smoking during work.
Environmental measures:	Do not allow flowing into sewers or open water.
Measures in case of leakage:	Dilute with water.

**SECTION IX. MEASURES TO CONTROL EXPOSURE/PERSONAL PROTECTION:**

Inhalation protection:	None
Skin protection:	None
Eye protection:	Goggles
Other protection:	None



**SECTION X. HANDLING AND STORAGE:**

Special preventive measures in handling and storage:	Keep in well-closed container in a closed, frost free, ventilated room.
Packing materials to be avoided:	Metals.
Preventive measures:	Handle with care to avoid spillage.

**OTHER INFORMATION:**

*The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product properties. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to use of the product, do not exist. This is solely the user's responsibility.*

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