

# Material Safety Data Sheet HD Cleaner

## Section 1. Identification

**Product Name:** HD CLEANER

**Recommended Use:** Alkaline Degreaser

**Supplier:** Genesis Industrial Pty Ltd, 4/25 Transport Avenue, Paget 4740 **Phone No:** 07 49522608

**Emergency Phone No - 13 11 26 – Poisons Information Centre**

## Section 2. Hazards Identification

Classified as hazardous according to the Office of Australian Safety & Compensation Council (ASCC) criteria

Non-Dangerous Goods

Risk Phrases      Safety Phrases

S37:                Wear suitable Gloves

R41:                Risk of serious damage to eyes

S39:                Wear eye/face protection

## Section 3. Composition Information

Ingredient Name	CAS No	Proportions
Non Hazardous	Not applicable to 100%	
Sodium metasilicate,	10213-79-3	< 5%
Sodium alkylbenzene sulphonate	68081-81-2	< 5%
2-butoxyethanol	111-76-2	< 5%
Surfactant	Proprietary	< 10

## Section 4. First Aid

### FIRST AID TREATMENT

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing.

Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

**First Aid facilities:** Potable water should be available to rinse eyes or skin. Provide eye baths and safety showers.

**Advice to Doctor:** Treat symptomatically.

**Additional Information:** None available.

## Section 5. Fire Fighting Measures

**Fire/Explosion Hazard:** This product is not combustible. Fire fighters to wear self-contained breathing apparatus in the event of a fire. Use water fog, or fine spray mist to extinguish.

**Additional Information:** No Hazchem code is applicable.

## Section 6. Accidental Release Measures

**Spills and Disposal:** Spills may be slippery. Remove non-essential personnel from the area. Ensure that any products of incompatible classes near the spill are removed. Dam and recover. Prevent entry into drainage systems, sewers and waterways. Collect with inert absorbent material such as sand or earth.

## Section 7. Handling and Storage

**Precautions for Safe Handling and Storage:** Not classified for storage. When not being used, the product containers should be stored upright, and secured with the original closure. If transfer to another container becomes necessary, ensure that the container is clearly labelled, the container is of a type suitable for the product, and is clean and free of other materials. Do not eat, drink or smoke in contaminated areas.

Before eating, drinking or smoking, remove contaminated clothing and wash hands.

**Dispensing:** Always use clean and dry equipment to dispense the product. Dispensers should be cleaned before and after use. All dispensers should be washed out after use.

**Flammability:** Non-combustible material.

## Section 8. Exposure Controls and Personal Protection

**Exposure Standards:** There are no exposure standards available for this product.

**Personal Protective Equipment:** Use sensible work practices that reduce operator exposure to the product. Protective clothing and equipment should be worn: Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. Respirators should comply with AS1716 or an equivalent approved by a state/territory authority.

**Engineering Controls:** Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Avoid generating and inhaling mists. Keep containers closed when not in use.

**Personal Protective Equipment:**

**Eye/Face Protection:** Safety glasses or chemical resistant goggles should be worn to prevent eye contact.

**Skin Protection:** Nitrile or rubber gloves should be used to prevent skin contact. **Respiratory Protection:** Respirator is not usually necessary unless the product is being used in a confined area. Use a suitable respirator for particulates & alkaline.

## Section 9. Physical and Chemical Properties

Appearance:	Violet liquid
Odour:	Chemical odour
Boiling Point (C):	Approximately 100
Vapour Pressure (mmHg @ 20C):	Not measured
Specific Gravity (g/ml @ 25C):	1.00 – 1.10
Flashpoint (C):	None
Flammability Limits (%):	Non flammable
Solubility in Water	Miscible with water
pH:	> 11

## Section 10. Stability and Reactivity

**Chemical Stability:** Stable under normal ambient storage conditions.

**Conditions to Avoid:** Avoid high temperatures (store below 30°C). Protect against physical damage.

**Incompatible Materials:** Strong Acids. Do not mix with other chemicals.

**Hazardous Decomposition Products:** None known

**Hazardous Reactions:** None known.

## Section 11. Toxicological Information

### HEALTH EFFECTS

*Acute:*

**Swallowed:** May cause nausea and irritation to the mouth and digestive tract

**Eye:** May cause severe irritation and reddening. Prolonged contact may cause permanent damage

**Skin:** May cause irritation to the skin.

**Inhaled:** Inhalation of fine mists will cause irritation to the respiratory tract and nasal passages.

**Chronic:** Repeated or prolonged exposure to 2-butoxyethanol can result in blood changes, liver and kidney disorders. There is evidence that experimental animals are more sensitive to these effects than humans.

### FIRST AID:

**Swallowed:** If swallowed, **DO NOT** induce vomiting. Give a glass of water to drink and seek medical advice.

**Eye:** If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor urgently.

**Skin:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse.

**Inhaled:** Remove victim from exposure if safe to do so. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume a comfortable position and keep warm. Seek medical assistance if symptoms persist.

## Section 12. Ecological Information

**Ecotoxicity:** Concentrated product may harm environment. Dilute well with water and dispose of according to Local Authority regulations.

## Section 13. Disposal Considerations

**Disposal Method:** Dilute well, Refer to State/Territory Land Waste Management Authority. Normally suitable for disposal at approved land waste site.

## Section 14. Transport Information

UN Number: None allocated Proper Shipping Name: None allocated

Class: None allocated Subsidiary Risk: None allocated

Packing Group: None allocated Hazchem Code: None allocated

## Section 15. Regulatory Information

Poisons Schedule: 5 Hazardous substances

S2 Keep Out of the Reach of Children

S 45 In case of an accident or if you feel unwell, seek medical advice immediately

## Section 16. Other Information

*This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this MSDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.*

**Contact Person/Point** Genesis Industrial Pty Ltd, Technical Manager

MSDS Date: 18<sup>th</sup> September 2011.