

## RISK ASSESSMENT OF ECOKLEEN HP AND S WATER BASED DEGREASER

### 1. Introduction

In accordance with Section 21 Subsections 4A, 4B and 4C of the Mine Health and Safety Act (Act 29 of 1996) hazards of the use of **ECOKLEEN HP AND S** have been identified and the associated risks assessed.

The workplace risk assessment and control technique was used to identify potential risks and make recommendations.

### 2. Hazards and Risks

It is pointed out that this risk assessment must be read in conjunction with the Material Safety Data Sheet (MSDS) and Product Data Sheet of **Ecokleen HP and S**.

### 3. Key findings

No	Minor Hazards	Risk Rank	Recommendations
<b>1. Transportation</b>			
1.1	Containers	16	Use 25 litre plastic drums according to Railway spec – HD2, OR Plastic drums, 200 litres, as supplied. Take care not to damage containers during handling. Empty 25l containers must be destroyed and disposed of responsibly.
<b>2. Dilution of Ecokleen HP</b>			
2.1	Dilution	16	Dilute 1:1 or 1:4 with water is recommended. Supervision required. Low wastage levels at correct dilution. Use <b>only original Ecokleen</b> containers as supplied.
<b>3. Usage</b>			
3.1	Spills and Waste	16	Supervision required – use only enough to perform the intended clean up. Non – Toxic and Non-flammable when spilled – Rinse away with water.
<b>4. Method of application</b>			
4.1	Application	16	Use only pre-diluted (1: 6) Ecokleen HP in high-pressure washers. Product more effective when adding water. After use, wash away with excess water. Biodegradable - may cover with sand at rocky areas.

C. Marais

BSc (Chemistry)

For and on behalf of Ecokleen Products cc