



DESCRIPTION: GR5 DEGREASER

LAST REVISED: 11-06-2013

RISK ASSESSMENT OF GR 5 DEGREASER / SOLVENT DETERGENT

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 *GR5 Degreaser* has 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 *GR5 Degreaser* (attached).

3. KEY FINDINGS

No	Minor Hazards	Risk Rank	Recommendations
1. Transportation			
1.1	Leaking of containers	16	Use 25 litre plastic drums according to Railway spec – HD2, or Steel drums, 200 litres, as supplied. Take care not to damage containers during handling.
2. Dilution of GR5 degreaser			
2.1	Incorrect dilution	16	Dilute 1:3 for heavy cleaning to 1:10 for light cleaning with water is recommended. Supervision required. Low wastage levels at correct dilution. Take only diluted product underground, Use original containers as supplied.
3. Usage			
3.1	Spills and waste	16	Supervision required – use only enough to perform the intended job.
4. Method of application			
4.1	Waste	16	Use only pre-diluted <i>GR5 Degreaser</i> underground. After use, wash away with excess water. May cover water with sand at rocky areas.

4. ANTI-BACTERIAL GUARANTEES

A sample of GR5 product was tested by the SABS and was tested by the Food Consulting Services and had a 100% kill rate after 5 minutes in its *neat* form. GR5 *cannot guarantee* the kill rate on any other dilution rates.



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TECHNICAL DATA

DESCRIPTION

With modern technology it is necessary to formulate products that meet the new regulations required by the world we live in, and we have formulated according to this requirement. This Degreaser is a concentrated general purpose cleaner containing a well-balanced blend of surfactants, sequestrants and water-soluble solvents.

PROPERTIES

Appearance	- Blue colour
pH	- 9-10
Foam	- High, stable
Odour	- Typical

FEATURES

1. Wipe on / wipe off type cleaning.
2. Free rinsing with water.
3. Concentrated formula.
4. Stable in hard and soft water.
5. Completely biodegradable.
6. Extremely versatile in its use.
7. This product is environmentally friendly

USAGE DIRECTIONS

All food Processing	-	Use 1 part to 1-10 parts water. Apply manually, Spray, foam. Apply manually or high pressure.
Floor surfaces – Linoleum/ Asphalt/Rubber/Tiles/Concrete	-	Use 1 part to 1-10 parts water.
Marble/Wood and Oil Surfaces	-	Use as supplied.
Glass surfaces	-	Use 1 part to 1-3 parts water.
Toilet Bowls/Wash basins/ Taps	-	Use 1 part to 1-10 parts water.
Ovens/Kitchen stoves and other	-	Use 1 part to 1-10 parts water.
Food handling equipment	-	Use 1 part to 1-10 parts water.
Blood spots & permanent stains	-	Use 1 part to 1-10 parts water.
Ink/Crayon/Dog stains/Grease	-	Use 1 part to 1-5 parts water.
Engine and Machine Degreasing	-	Use 1 part to 1-3 parts water.
	-	Use 1 part to 1-10 parts water.
	-	Use as supplied.



Multipurpose Cleaner & Degreaser

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ANTI-BACTERIAL CONDITIONS

GR5 was tested by the SABS and Food Consulting Services and had a 100% kill rate after 5 minutes in its *neat* form. GR5 *cannot guarantee* the kill rate on any other dilution rates.

PRECAUTIONS

- Degreaser is an alkaline liquid.
- Avoid eye contact and prolonged skin contact with the concentrate
- Flush copiously with water and obtain medical attention if any irritation persists.

NOTE

THE RECOMMENDATIONS MADE HEREIN ARE BASED ON LABORATORY TESTS AND IN-FIELD USE EXPERIENCE AND ARE TO THE BEST OF OUR KNOWLEDGE ACCURATE. SINCE CONDITIONS OF ACTUAL USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS ARE MADE WITHOUT WARRANTY, EXPRESSED OR IMPLIED.