

MATERIAL SAFETY DATA SHEET

COMPANY DETAILS LAST REVISED: 10-02-2014

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SECTION 1: PRODUCT IDENTIFICATION

TRADE NAME: GR5 DEGREASER
DESCRIPTION: A concentrated general purpose cleaner containing a well-balanced blend of surfactants, sequestrants and water soluble solvents
CHEMICAL ABSTRACT NO: Mixture
CHEMICAL FAMILY: Water based degreaser
PRODUCT USE: Cleaning and degreasing of most hard surfaces

SECTION 2: COMPOSITION / INGREDIENTS

HAZARDOUS COMPONENTS	CAS no	% BY MASS
Sodium Hydroxide Caustic Flakes	1310-73-2	>1%

SECTION 3: HAZARDS IDENTIFICATION

FLAMMABILITY: Non-flammable, water based mixture
CHEMICAL HAZARD: Possible irritation respiratory tract, skin
EYE EFFECTS: Liquid in eye will be irritating, causing tearing, burning and redness
HEALTH EFFECTS:
SKIN Extensive and/or repeated contact may cause skin irritation, will remove skins natural oils. USE GLOVES. Note: Rinse hands thoroughly with clean water after use
INGESTION Ingestion of large quantities will be irritating to gastro-intestinal tract, headache, dizziness, nausea, vomiting and diarrhoea
CARCINOGENIC This product contains no carcinogenic in concentrations of 0.1% or greater

SECTION 4: FIRST AID MEASURES

INHALATION: Move patient to fresh air
EYE CONTACT: Flush affected eyes with water for at least 15 min, holding eyelids open
SKIN CONTACT: Wash skin with water if irritated
INGESTION: Do not induce vomiting, rinse mouth, give water to drink. Consult physician.

SECTION 5: FIRE FIGHTING MEASURES

NON-FLAMMABLE If product involved in a fire, use foam.

SECTION 6: ACCIDENTAL RELEASE MEASURES

As per good environmental management practices, prevent contamination of watercourses or ground with large quantities undiluted product.

Avoid prolonged contact with skin and eyes. Use safety goggles and appropriate gloves.

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SECTION 7: HANDLING AND STORAGE

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HANDLING: Use strictly according to manufacturer's direction. Normal handling procedure for heavy duty detergents to minimise personal exposure

STORAGE: Store in closed container, in cool, ventilated area

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Keep out of reach of children. Use strictly according to manufacturer's direction
If the specific application may result in splashing, safety goggles should be utilised

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Blue Colour
PH: 9 - 10
FOAM: High, stable
ODOUR: Typical
SOLUBILITY (WATER): 100%

SECTION 10: STABILITY AND REACTIVITY

Stable in hard and soft water

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY: No evidence of carcinogenic properties
NEUROTOXICITY: No evidence of neurotoxic effects
REPRODUCTIVE HAZARD: No hazard expected
BIODEGRADABILITY: Completely biodegradable

SECTION 12: ECOLOGICAL INFORMATION

Completely biodegradable and harmless to the environment
Antibacterial when undiluted

SECTION 13: DISPOSABLE CONSIDERATIONS

DISPOSAL: Methods of disposal should be in accordance with the applicable rules, regulations, and/or laws governing user location
After use, wash away with excess water.
May cover water with sand at rocky areas

DISPOSAL OF PACKAGING: Packaging may be reused and should be recycled

SECTION 14: TRANSPORT INFORMATION

TRANSPORTATION Normal conditions for transporting this type of product apply

SECTION 15: REGULATORY INFORMATION

EEC CLASSIFICATION:

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SECTION 16:

OTHER INFORMATION

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BACTERIAL EFFICACY: When tested by the Food Consulting Services - 99,9% kill rate – P.aeruginosa, E.Coli, S.aureus
NATIONAL LEGISLATION: Occupational Health & Safety Act (No. 85 of 1993)
Regulation R1449 of 6 September 1996, Government Notice No. 1403. Regulation for hazardous chemical substances
SABS 0265:1999 The classification and labelling of dangerous substances and preparations Risk and Safety Phrases: Phrases for individual components given in Section 2.

The information in this MSDS is based on current knowledge and experience at the date of publication. This MSDS summarises our best knowledge of the health and safety hazard information of the product and is intended only as a guide to the appropriate precautionary handling, use, processing, storage, transportation, disposal and release and is no to be considered a warranty or quality specification of the product. The data relates only to the specific product designated, and does not relate to use of the product in combination with any other material or use of the product in any process. The data is not intended to constitute performance information concerning the product. No express warranty, or implied warranty of merchantability for fitness for a particular purpose is made with respect to the product, its composition, its safety or the information contained in this MSDS sheet.