ENVIRO CHEMICALS AUST Pty Ltd
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"Products That Don't Cost The Earth"

MULTIKLEAN

MULTIPURPOSE CLEANER

MULTIKLEAN is a powerful industrial strength water base multipurpose degreaser and spray & wipe cleaner.
MULTIKLEAN will remove oil, grease, grey and grimy buildup from all surfaces like, stainless steal, ceramic tiles, quarry tiles and concrete floors.
MULTIKLEAN is excellent in kitchen floors, walls, vents and fans.
MULTIKLEAN is widely used in the cleaning and automotive industry for the cleaning of mags, engines and bugs.
MULTIKLEAN is ideal for ***spray and wipe***, ***mopping, squeaky clean***, ***pressure washer and automatic scrubbers.***

HOW DOES IT WORK? HOW TO USE?

WHERE TO USE

Floors as quarry, ceramic tiles, terrazzo, concrete, marble, ect., painted walls, greasy surfaces, carbon based like as soot, smoke, showers and swimming pools, factories and industrial workshops, kitchens, ovens, rotisseries, exhaust fans, tar, grease, mag wheels, car engine's grease & grime to remove road film and as a bug off from the car body without damaging.

HOW TO USE

Degreasing : Dilute MULTIKLEAN 1:3 to 5 parts water. (kitchens, ovens, rotisseries, exhaust fan, car engine's grease & grime, mag wheels, greasy marks and stains).
Apply MULTIKLEAN solution with spray. Leave to soak 5 minutes and wipe off with scourer.

Heavy duty: 1 part MULTIKLEAN 10 to 15 parts water. (floors: quarry, ceramic tiles, concrete in food processing and automotive industry).
Apply by spray or mop. Scrub with rotary machine or wipe off with scourer.

Light duty: 1 part MULTIKLEAN 30 to 50 parts water.
Use hot or cold water to dilute if scrubbing, high pressure washing. Light silage on most washable surfaces. Soaking cleaning cloths and metal parts or utensils.

You don't have to settle for second best to save money when cleaning.
Step-up to the new level in Cleaning Detergents & Soaps.

Use Enviro Chemicals and you will never settle for second best again.

We trust this product will be of interest to you and for more info visit our Web site.
Please do not hesitate to contact us if we can be of further assistance.

ENVIRO CHEMICALS
"Products that don't cost the earth"

1. PRODUCT & COMPANY IDENTIFICATION

Product Name: **Multiklean**

Uses: Detergent degreaser.

COMPANY DETAILS:
Company : Enviro Chemicals (Aust.) Pty Ltd. (A.C.N : 094087493).
Address : 740-744 Woodville Rd. Fairfield East NSW 2165
Emergency: PH: (02) 9755 2012 **(Business hour)** or **Poisons Information centre :** 13 11 26

Poisons Information Centre Telephone: 13 11 26

2. HAZARDS IDENTIFICATION

Hazardous according to criteria of NOHSC/ASCC
Xi; Irritant

Risk Phrases

R36/37/38	Irritating to eyes, respiratory system and skin.

Safety Phrases

S2	Keep out of reach of children.
S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity	Percentage	CAS No.
Teric LA8	< 6	6834-92-0
Anionic Surfactant	< 5	111-76-2
Non ionic Surfactant	< 5	Non Hazardous
Anionic surfactant	< 5	Non Hazardous
Colour	Trace	Non Hazardous
Potassium Hydroxide	< 2	1310-58-3
Water	Remainder	7732-18-5

4. FIRST AID MEASURES

Swallowed: Drink 1 or 2 glasses of water. Do Not induce vomiting. Seek medical attention. Never give anything by mouth to an unconscious person.
Eye Exposure: Immediately flush eyes with plenty of water holding eyelids open. If eye irritation persists, seek medical advice.
Skin Exposure: Remove all contaminated clothing. Wash affected area with plenty of water. If skin irritation persists seek medical advice.
Inhalation: Remove victim from exposure to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

Advice to Doctor
Treat symptomatically based on individual reactions of patient and judgement of doctor.

5. FIRE FIGHTING MEASURES

Hazchem Code: None Allocated

Product is water based and is unlikely to play a contributing role in any fire.

Special protective precautions and equipment for fire fighters

Fire fighters should use the appropriate equipment for the surrounding fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:
Use personal protective equipment.
Keep people away from and upwind of spill/leak.
Material can create slippery conditions.

Environmental precautions:
CAUTION: Keep spills and cleaning runoff out of drains and open bodies of water.

Methods & Materials for Containment & Clean Up:
Contain spills immediately with inert absorbent materials (e.g. sand, earth).
Transfer liquids and used absorbent material to separate suitable containers for recovery or disposal.

7. HANDLING & STORAGE

Handling:
Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep container tightly closed. Do not breathe vapours, mist or fumes.

Conditions for safe storage
Store in a cool, dry, well-ventilated area. Keep container tightly closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limit(s): There is no exposure data for this product. The Exposure Standards for 2-Butoxyethanol CAS No: 111-76-2; TWA: 20ppm (96.9mg/m^3) STEL: 50ppm (242mg/m^3). Absorption through skin may be a significant source of exposure.

Exposure controls:
Eye protection: Wear safety glasses with side-shields.

Hand protection: Wear suitable gloves.

Respiratory protection: If working in confined space or poor ventilation use appropriate respiratory protection.

Engineering measures: Use only in a well ventilated area. If handling large amounts a system of local and/or general exhaust is recommended.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Colour:	Redish
Odour:	Eucalyptus
pH:	12.5 – 13.0
Boiling point/range:	100-171^{o}C Water
Melting point/range:	<0^{o}C Water
Flash point:	Non combustible
Lower explosion limit:	Not applicable
Upper explosion limit:	Not applicable
Vapour pressure:	Not established
Relative vapour density:	Not established
Water solubility:	Miscible with water at all proportions
Relative density:	1.05
Viscosity, dynamic:	Not applicable
Evaporation rate:	Not established
Percent volatility:	Not determined

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY & REACTIVITY

Hazardous Reactions: Product is stable under normal conditions of use, storage and temperature.

Materials to avoid: Strong acids.

Polymerization: Product will not undergo polymerization.

11. TOXICOLOGICAL INFORMATION

No data is available for this material.
The information shown is for 2-Butoxyethanol which is present at less than 10%.

Toxicity Data
Oral LD50 Rat: 470mg/Kg. Skin LD50 Rabbit: 220mg/Kg. Inhaled LC50 Rat: 2211mg/m^3 (4hr). Skin Irritation Rabbit: Slight irritation. Eye Irritation: Irritation.
Note: No studies are available on the effects of long term exposure in humans. Studies indicate that repeated exposure causes blood, liver and kidney disorders in animals. Deaths in acute studies were generally caused by narcosis or respiratory failure, with kidney failure seen as a secondary cause.
The main toxic effect observed in acute and repeated dose animal studies is haemolysis. The effect varies between species with rats and mice the most susceptible, rabbits less susceptible and guinea-pigs and humans least susceptible. Changes in kidney, liver, spleen and lungs were found in animals exposed by ingestion, inhalation and skin absorption. Deaths usually result from CNS depression, lung damage and kidney injury.

Health Effects – Acute

Swallowed
May be harmful if swallowed. Ingestion may cause irritation of mucous membranes in mouth, pharynx, oesophagus and gastro-intestinal tracts. Symptoms include nausea, headache, vomiting, ataxia (impaired locomotor co-ordination), acidosis, drowsiness,
Agitation, insomnia, changes in the blood pressure, pulmonary oedema and damage to the liver and kidneys.

Eye
Causes eye irritation.

Skin
Irritating to skin. Danger of skin absorption.

Inhaled
Inhalation causes irritation to the mucus membranes, coughing and dyspnoea. Chronic exposure causes damage to blood cells and blood in urine.

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence and degradability: No information available for this product.

Mobility: No information available on this product.

Additional information

Environmental fate (exposure): Avoid contaminating waterways, drains and sewers.

Bioaccumulative potential: No information available for this product.

13. DISPOSAL CONSIDERATIONS

Environmental precautions: CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.
Disposal: Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

Classification for ROAD and RAIL transport;
Not regulated (Not dangerous for transport)
Classification for SEA transport (IMO-IMDG):
Not regulated (Not dangerous for transport)
Classification for AIR transport (IATA/ICAO):
Not regulated (Not dangerous for transport)

Hazchem Code: None allocated.

15. REGULATORY INFORMATION

Label
Classification and labelling have been performed according to regulations.

Poison Schedule None allocated

EPG Not applicable

Australia. Industrial Chemical (Notification and Assessment) Act (AUSTR). All ingredients in this preparation are listed in the Australian Inventory of Chemical Substances, AICS.

16. OTHER INFORMATION

Date of Preparation: 08.06.2013
Key to Abbreviations & Acronyms Used in MSDS:

<	**Less Than**
>	**Greater Than**
AICS	**Australian Inventory of Chemical Substances**
CAS	**Chemical Abstracts Service (Registry Number)**
LC50	**LC stands for lethal Concentration. LC50 is the concentration of a material in air which causes death of 50% (one half) of a group of test animals.**
LD50	**LD stands for "Lethal Dose". LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals.**
NOHSC	**National Occupational Health and Safety Commission.**
OECD	**Organisation for Economic Co-operation and Development.**
PEL	**Permissible Exposure Limit.**
STEL	**Short Term Exposure Limit**
TLV	**Threshold Limit Value TWA**
	Time Weighted Average
UN	**United Nations (Number)**
deg C ('C)	**Degrees Celsius**
g	**Gram**
g/cm3	**Grams per cubic centimetre**
g/l	**Grams per litre**
Immiscible	**Liquids are insoluble in each other**
kg	**Kilogram**
kg/m3	**Kilograms per cubic metre**
ltr	**Litre**
m3	**Cubic metre**
mg	**Milligram**
mg/24H	**Milligrams per 24 hours**
mg/kg	**Milligrams per kilogram**
mg/m3	**Milligrams per cubic metre**
miscible	**Liquids form one homogeneous liquid**
ppm	**Parts per million**
wt	**Weight**

Literature References: Supplies MSDS

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

END OF MSDS