



**unizmo**

car care that gets **U**



A World First Technology Driven **CAR WASH**  
Created With **U** In Mind!

PRODUCT INFORMATION

**HYDROCARE  
PLUS +**



DID YOU  
**KNOW**

**“We are the only service provider that fully discloses the products we use on your vehicle, including MSD documentation for full visibility.”**

*#U\_Fact #KeepItClean*

**unizmo**

## INTRODUCTION

With over 15 years of manufacturing experience behind our products and a vast international exposure that ranks us as one of the most quality driven product range around, you can be sure you are using only the best. Our biodegradable products apart from the ground breaking bioengineering process which they are created in are also manufactured with the highest quality standards in the world, being the only products to bear both ISO 9001 and ISO 14001 accreditations and are distributed throughout 200 countries worldwide.



The pros and cons of washing anything with a reduced amount of water has long been discussed, and for your piece of mind we would like to give you a factual insight in to how and why using the Unizmo water based product range will give you outstanding results.

Our specially formulated collection which is created are all designed by using the finest surfactants on the market which help to lubricate the surface of the vehicle and soften any surface dirt, these surfactants are the most important ingredient in order to make sure the products we have designed can safely clean many different porous and non-porous surfaces with ease. As well as softening the dirt, surfactants will then break down and encapsulate the contamination, which allows you to wipe over with our plush imported 400 GSM microfibre cloths, leaving a clean and contamination free surface. We have three key products in our range, each one unique to purpose as per below:



car care that gets **U**

## HYDROCARE PLUS +

Our HydroCare Plus+ formula is a tough on dirt intensive bio-action cleaner, making light work of grease, grime, tar and bugs smears. Also, it doesn't hurt being 100% totally biodegradable as well as multifaceted, we guessing that's where it earned that Plus+ status from.

A Multifunctional all-purpose cleaner, great for both a deep clean as well as routine maintenance. Suitable on all surfaces including all interior substrates, undercarriages, door shuts, and all those hard to reach places. It also contains specialist surfactants which break down grease making it ideal for engine bay cleaning.

### Typical Specification :

|             |   |   |
|-------------|---|---|
| Composition | : | A complex blend of surfactants/ solubilizers in a water base. |
| Appearance  | : | Free flowing liquid   |
| Colour      | : | Colourless  |
| Odour       | : | Colourless  |
| S.G.        | : | 1.00  |

### Hydrocare Plus + Advantages

- Versatile, water-based, multi-surface cleaner.
- Environmentally friendly formula is fully biodegradable and contains no harsh detergent or abrasive chemicals.
- Active cleaning action for all exterior surfaces including paintwork wheels and glass. Quickly and efficiently lifts away stubborn traffic film, brake dust, grease, tree sap, insect remains, tar and bird lime.
- Our Unique cleaning technology is tough on dirt but sensitive on surfaces making Universal ideal for cleaning all hard and soft interior surfaces; carpets, fabrics, plastic, vinyl and leather trim.
- SILICONE FREE



**UNIZMO**  
car care that gets U

# MSDS DOCUMENTATION

## Safety Data Sheet

According to 1907/2006/EC, Article 31

### 1 Identification of the substance/mixture and of the company/undertaking

Product identifier

- Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the preparation
  - Exterior vehicle cleaner
  - Interior vehicle cleaner

### 2 Hazards Identification

- Classification of the substance or mixture
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC not applicable
- Information concerning particular hazards for human and environment:  
The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- Classification system:  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- Label elements
- Labelling according to EU guidelines:  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
- Special labelling of certain preparations:  
Safety data sheet available for professional user on request.
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.

### 3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of substances listed below with non-hazardous additions.
- Dangerous components: Void
- Additional information For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- Description of first aid measures
- After inhalation Supply fresh air; consult doctor in case of complaints.
- After skin contact Generally the product does not irritate the skin.
- After eye contact Rinse opened eye for several minutes under running water.
- After swallowing If symptoms persist consult doctor.
- Information for doctor
- Most important symptoms and effects, both acute and delayed  
No further relevant information available.
- Indication of any immediate medical attention and special treatment needed

## 5 Firefighting measures

- Extinguishing media
- Suitable extinguishing agents  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Advice for fire-fighters
- Protective equipment: No special measures required.

## 6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Not required.
- Environmental precautions:  
Dilute with plenty of water.  
Do not allow to enter sewers /surface or ground water drains.
  - Methods and material for containment and cleaning up:  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).
  - Reference to other sections  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## 7 Handling and storage

- Handling
- Precautions for safe handling No special precautions are necessary if used correctly.
- Information about fire - and explosion protection: No special measures required.
- Conditions for safe storage, including any incompatibilities
- Storage
- Requirements to be met by storerooms and receptacles: No special requirements.
- Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- Additional information about design of technical facilities: No further data; see item 7.
- Control parameters
- Ingredients with limit values that require monitoring at the workplace:  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- Additional information: The lists valid during the making were used as basis.
- Exposure controls
- Personal protective equipment
- General protective and hygienic measures Wash hands before breaks and at the end of work.
- Respiratory protection: Not required.
- Protection of hands: Rubber gloves
- Material of gloves Natural rubber, NR
- Penetration time of glove material  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Goggles recommended during refilling.

## 9 Physical and chemical properties

- Information on basic physical and chemical properties · General Information
- Appearance:
  - Form : Liquid
  - Colour : Colourless
  - Odour : Characteristic
  - Odour threshold : Not determined.
- pH-value : Not determined.
- Change in condition
  - Melting point/Melting range: undetermined
  - Boiling point/Boiling range: 100°C
- Flash point: Not applicable
- Flammability (solid, gaseous) Not applicable.
- Ignition temperature:
  - Decomposition temperature: Not determined.
- Self-igniting: Product is not self igniting.
- Danger of explosion: Product does not present an explosion hazard.
- Explosion limits:
  - Lower: Not determined.
  - Upper: Not determined.
- Vapour pressure at 20°C: 23 hPa
- Density at 20°C: 1.004 g/cm<sup>3</sup>
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.

## 9 Physical and chemical properties

- Solubility in / Miscibility with  
Water: Fully miscible
- Segregation coefficient (n-octanol/water): Not determined.
- Viscosity:  
dynamic: Not determined.  
kinematic: Not determined.
- Solvent content:  
Organic solvents: 0.0 %  
Water: 98.7 %
- Other information: No further relevant information available.

## 10 Stability and reactivity

- Reactivity
- Chemical stability
- Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known

## 11 Toxicological information

- Information on toxicological effects · Acute toxicity:
- Primary irritant effect:  
· on the skin: No irritant effect.  
· on the eye: No irritating effect.
- Sensitization: No sensitizing effects known.

## 12 Ecological information

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes:  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment



### 13 Disposable considerations

- Waste treatment methods
- Recommendation Do not allow product to reach ground water or water course.
- Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.
- Recommended cleansing agents: Water, if necessary together with cleansing agents.

### 14 Transport information

- UN-Number
- ADR, ADN, IMDG, IATA Void
- UN proper shipping name
- ADR, ADN, IMDG, IATA Void
- Transport hazard class(es)
- ADR, ADN, IMDG, IATA
- Class Void
- Packing group
- ADR, IMDG, IATA Void
- Environmental hazards:
- Marine pollutant: No
- Special precautions for user Not applicable.
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable.

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
- Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing MSDS: Technical Department.
- Contact: Mr. S. Appleby

## OUR MERITS



**PROUDLY  
SOUTH AFRICAN**



**LEVEL 1  
B-BBEE**



**WORLD 1ST  
INNOVATION**



**SUSTAINABLE  
BUSINESS CREATION**



**EXPONENTIAL  
JOB CREATION**



**ENVIRONMENTALLY  
FRIENDLY**



**WATER  
CONSERVATION**



**QUALITY  
ACCREDITED**



**SKILLS  
TRANSFER**



(+27) 11 886 1246



20 Georgian Crescent, Bryanston, Johannesburg, 2191



info@unizmo.com

[www.unizmo.com](http://www.unizmo.com)