

LORD STREET
OPERATIONS MANAGEMENT PLAN



Prepared by:

TAYLOR BURRELL BARNETT

APRIL 2016

OPERATING DETAILS

Services Offered

'The Wash Garage' will offer a personalised hand car wash and detailing service. Customers will pull into the site and park in one of the dedicated bays conveniently located on next to the building where a Sales Expert will determine the level of servicing required. An example menu board, inclusive of the different levels of servicing offered appears beside.

Please note that the menu and associated offering may change from time to time depending on market feedback and demand.

Once served by the Sales Expert, possession of the vehicle will be taken by a Wash Attendant, with all customers proceeding to the 'Customer Waiting Area' to pay for the requested service and make use of vending machines provided for their enjoyment whilst they wait. Cleaning of the vehicles will then occur in a production line manner with dedicated staff positioned at each station to ensure cleaning occurs in the most time efficient manner.

External washing of the vehicle will take place in the 'Washing Bay' located on site, underneath a shade sail canopy (for staff comfort), and above a specialised drainage system that captures the majority of water for treatment and future reuse.

Washed vehicles are then relocated depending on the level of service requested. If the interior is to be cleaned this will typically occur within one of two dedicated 'Vacuuming Bays', before proceeding on to the dedicated 'Finishing Bay', and/or dedicated 'Detailing Bay' where staff wipe the car and complete the interior clean including window cleaning and final checking prior to being driven back directly adjacent the 'Customer Waiting Area' for customer handover.

In the event that there is no car needing to use the bay the vehicle is currently located within, the vehicle will not be moved and the next level of service provided in the same location, so as to avoid any unnecessary movements, thereby minimising any potential on-site risk, or nuisance from unnecessary start-up of engines to adjoining properties.

Upon handover, customers then drive out of the site via the existing crossover located on Summers Street.

No intensive or potentially harmful servicing options (such as the degreasing of engines), is to be performed on-site. Washing and cleaning of cars is to only occur within the five nominated working bays.

Upgrade packages that take longer and are more expensive (e.g. detailing packages that can take up to 6 hours per vehicle), are to be booked in advance and are typically limited to one vehicle on any one day.

Hours of Operation

The business will operate seven days a week between the hours of 8am and 6pm.

Number of Vehicles

Approximately 30 (but not exceeding 50) vehicles are to be serviced on this site on any one, calendar day.

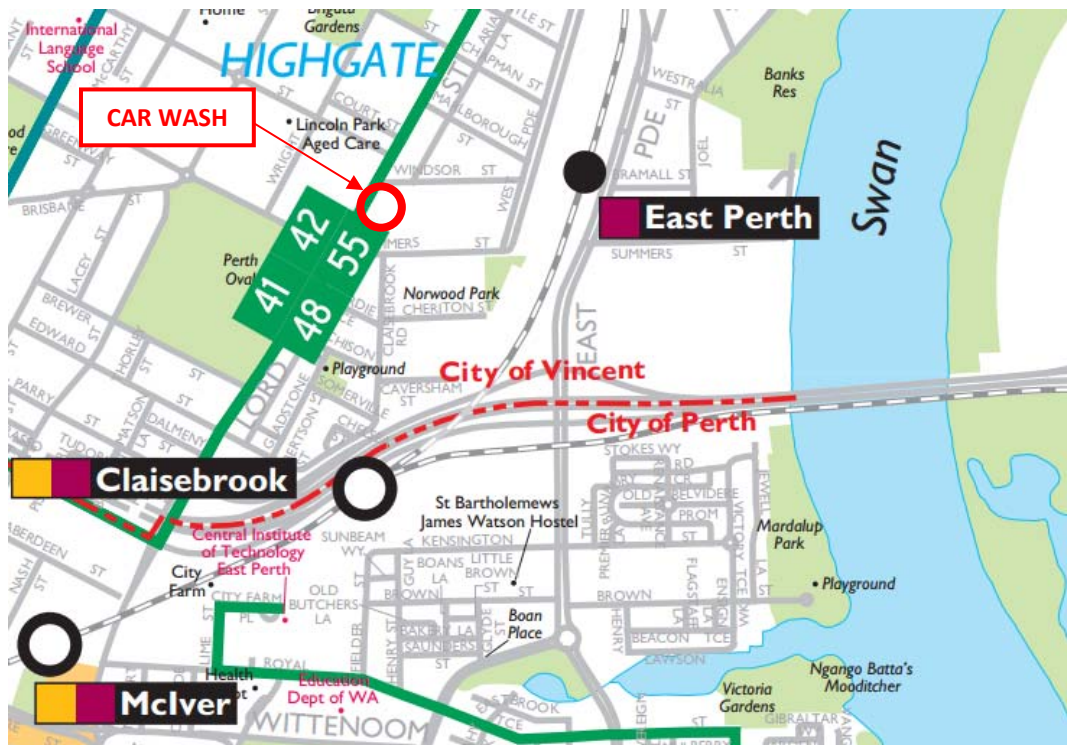
Staff Numbers

Between 2-4 staff will typically be involved in the on-site operation at any one time, with allowance for additional employees during peak periods of demand. Peak periods typically occur between 10am – 3pm Monday to Wednesday, 10am – 4pm Thursday to Friday, and 10am – 3pm on Saturday (typically the busiest day of the week).

Wash Menu	
EXTERIOR WASH	
Hand Wash	
Chamois Dry	
Tyre Glossed	
Upgrade: - Protective Wax	\$5
Sedan	\$24.90
SUV/Wagon	\$29.90
4WD/7 Seats	\$34.90
INSIDE & OUT CLEAN Exterior Wash Plus:	
Interior Wiped & Dusted	
Interior & Boot Vacuum	
Interior Windows Cleaned	
Upgrade: - Dash/Console and Door Trims Detailed	\$10
Sedan	\$49
SUV/Wagon	\$59
4WD/7 Seats	\$69
WASH & POLISH Inside & Out Clean Plus:	
Hand Wax & Polish	
Door Jamb & Wheels	
Interior Trims Detailed	
Upgrade: - Clay Bar Treatment	\$25
Sedan	\$79
SUV/Wagon	\$89
4WD/7 Seats	\$99
DETAILING	
Interior Steam Clean	from \$169
Cut & Polish	from \$169
Full Detail	from \$279
EXTRAS	
Armorall	\$20
Hand Wax & Polish	\$30
Leather Treatment	from \$65
Seats Steam Clean	from \$65
Carpet/Floor Mats Steam Clean	from \$65
CAR CONDITION	
Exterior - Heavy Bugs/Excessive Brake Dust	from \$10
Interior - Dog Hairs/Sand/Dirt	from \$10
CAR PROTECTION	
Exterior from	\$395
Interior from	\$395

PARKING & TRAFFIC MANAGEMENT

Use of the four dedicated bays on-site will be restricted to the Duty Manager and visiting customers (whose car is not being serviced). Staff members will be advised of, and encouraged to utilise the excellent array of public transportation options available within close proximity to the site, and/or other alternative modes of transportation. To assist, employees will be made aware of the train and bus routes servicing the area, and encouraged to plan their journey using the Transperth journey planner which can be accessed via the link below:



<http://www.transperth.wa.gov.au/Journey-Planner>



Despite the relevant portion of Summers Street being clearly line marked as a 'No Standing' area, during operating hours the sales expert responsible for vehicle handover is to monitor vehicles seeking to enter the site to ensure that no one tries to illegally stack in the public road.

In the instance that a customer attempts this practice the sales expert will approach the vehicle, alert the customer to the illegal nature of the action and encourage them to make a booking to come back at another time.

CHEMICAL MANAGEMENT

Attached at **Appendix A** are the Safety Data Sheets for the typical chemicals involved in the operation. Wherever practical, all chemicals are to be water based (organic), with no acid, no silicon and no flammable substances.

Chemicals are to be brought to the site during operating hours (typically once a month), in 20 litre drums transported by a small van (or similar sized vehicle). Drums are taken straight into the store, with only small amounts being decanted into tubs and/or bottles for use on-site. In the rare instance that anything is spilled, it will most likely occur within the store where any effects can be readily contained, and a spillage kit will be kept for emergencies.

In terms of application, the only substance to be sprayed via the on-site pressure hoses is water. Cleaning agent is to be applied via a sponge being dipped into small tubs, or via small spray bottles directly into the cleaning cloth, with water then sprayed as a rinsing agent only where necessary. The intent of this approach is to minimise the potential of any chemicals creating airborne concerns for neighbouring properties.

NOISE MANAGEMENT

In order to minimise the acoustic impacts on neighbouring properties, both the water treatment and vacuum machines are to be located within an enclosed portion of the existing masonry store building, with hose outlets to the proposed vacuuming bays.

Water hoses will operate at a pressure below 1500 psi (well below the 2,000 psi health and safety maximum) with 'lance fittings' ensuring the pressure is dispersed over a large area, thereby minimising its acoustic impact.

At all times the operation will comply with the recommendations of the Herring Storer prepared Environmental Acoustic Assessment (dated March 2016 – Ref. 20300-1-16068), and any subsequent addendums.

Rochdale Holdings Pty Ltd A.B.N. 85 009 049 067 trading as:

HERRING STORER ACOUSTICS

Suite 34, 11 Preston Street, Como, W.A. 6152

P.O. Box 219, Como, W.A. 6952

Telephone: (08) 9367 6200

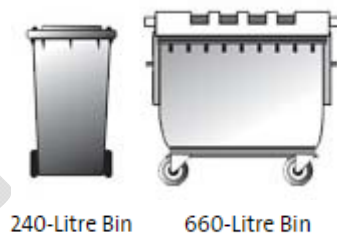
Facsimile: (08) 9474 2579

Email: hsa@hsacoustics.com.au



WASTE MANAGEMENT

Waste will be removed from the site via a combination of council and private collection. Portable bins will be placed adjacent to the vehicles to capture any rubbish whilst internal detailing is being undertaken. At the end of the day the bins will be relocated to the bin store, with the material separated and placed into either a 600 litre rubbish bin (for private collection), with anything recyclable placed within two 240 litre yellow-topped council recycling bins that will be pushed out onto the street for fortnightly collection.



240-Litre Bin

660-Litre Bin

Whilst the contractor for this service is yet to be engaged, private waste removal will typically involve the use of up to a 10.5m long truck, that will visit the property during the early hours of operation when demand is low and adequate manoeuvring space will be available for the vehicle to enter, remove the waste and then turn around and leave the property in a forward gear. The private contractor will be booked on an as required basis (depending on demand, typically every 2-4 weeks), with the vehicle remaining on the property for no longer than 10-15 minutes.

Access to the site by private waste collection vehicles will not be permitted during peak activity periods or at any time on weekends.

WASTE WATER MANAGEMENT (AND RECYCLING)

Water recycling is a core component of the operation. All water from the 'Washing Bay' shall be directed towards a state-of-the-art triple interceptor installed underneath the concrete wash pad, which will separate and collect all the chemicals and sludge. The result should be a saving of approximately 80% of the water used in each wash, with minimal excess water overflowing into the existing stormwater system.

Removal of the chemical residue collected within the triple-interceptor will be undertaken by a licensed provider as and when required (typically once every 6 months). The type of vehicle involved is a 10m long truck that as per the private waste management vehicle, will visit the property during the early hours of operation when demand is low and adequate manoeuvring space will be available for the vehicle to enter, remove the waste and then turn around and leave the property in a forward gear. A hose will be used to suck the material from within the triple interceptor into the waste collection vehicle.

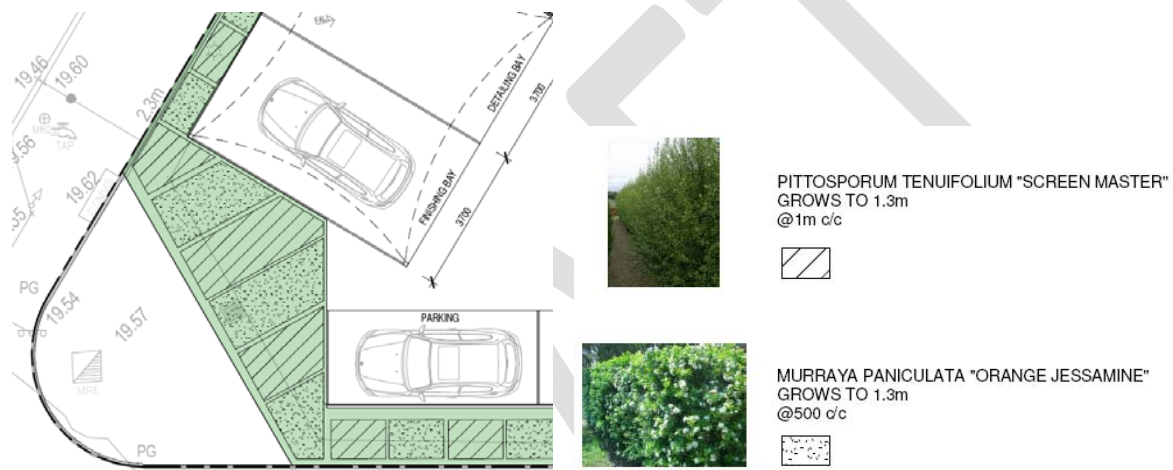
LANDSCAPE MANAGEMENT

Landscaping is proposed along both the western and southern boundaries of the site to provide a visual barrier between the operation and adjoining public footpath.

Landscaping of the site will include on-site reticulation, with a private contractor engaged to visit the site (typically once a month) to maintain the vegetation in accordance with the approved Development Plans. Duties of the contractor will include (as a minimum):

- trimming boundary vegetation to ensure an appropriate level of surveillance between the business and the public realm;
- trimming boundary vegetation to ensure continued compliance with the visual sight truncations adjacent the property entrance (in accordance with the City's standards); and
- the replacement of any dead, diseased or dying plants.

Extracts of the landscaping that appear on the Development Application site plan are detailed below:



LIGHTING

Lighting on-site will be provided in accordance with the relevant Australian Standard.

CONTACT DETAILS & COMPLAINTS PROCEDURE

Any complaints relating to the operation of the business should be directed in the first instance to the Operations Manager on-site. They can do so by calling the business on:

- **Number to be confirmed prior to commencement of operation, when a landline has been connected to the site.**

An answering machine or service will allow for a message to be left in the event that the call is not immediately answered. The Operation Manager will then call the resident back as soon as practical.

APPENDIX A
CHEMICAL SAFETY DATA SHEETS

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APPENDIX A
CHEMICAL SAFETY DATA SHEETS



SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

Page: 1

Compilation date: 05/10/2004

Revision date: 24/03/2015

Revision No: 4

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: NO.15 LEATHER CONDITIONER AND PROTECTANT

Product code: * LCB/3115/200514

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Leather Treatment

1.3. Details of the supplier of the safety data sheet

Company name: AUTOGLYM

Works Road

Letchworth

Herts

SG6 1LU

UK

Tel: +44 (0) 1462 677766

Fax: +44 (0) 1462 677712

Email: sds@autoglym.co.uk**1.4. Emergency telephone number**

Emergency tel: +44 (0) 1462 489498 (24Hrs)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients**3.1. Substances**

Chemical identity: NO.15 LEATHER CONDITIONER AND PROTECTANT

[cont...]

SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

Page: 2

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for disposal considerations.

[cont...]

SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

Page: 3

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Emulsion

Colour: Beige

Odour: Characteristic odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Miscible

Viscosity: No data available.

Boiling point/range°C: 100

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: Not applicable.

Vapour pressure: No data available.

Relative density: 0.978

pH: 7.9 - 8.9

VOC g/l: No data available.

[cont...]

SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

Page: 4

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information**11.1. Information on toxicological effects**

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information**12.1. Toxicity**

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

[cont...]

SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

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12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Waste code number: 070601

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information**Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Legend to abbreviations: PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

[cont...]

SAFETY DATA SHEET
NO.15 LEATHER CONDITIONER AND PROTECTANT

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cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 1

Compilation date: 05/10/2004

Revision date: 23/04/2015

Revision No: 7

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: NO.17 SUPERSHEEN

Product code: * 17/FR/91112

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Dressing for use on plastics and rubbers on motor vehicles.

1.3. Details of the supplier of the safety data sheet

Company name: AUTOGLYM

Works Road

Letchworth

Herts

SG6 1LU

UK

Tel: +44 (0) 1462 677766

Fax: +44 (0) 1462 677712

Email: sds@autoglym.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1462 489498 (24Hrs)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: -: EUH208

Most important adverse effects: Contains 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one. May produce an allergic reaction.

2.2. Label elements

Label elements under CLP:

Hazard statements: EUH208: Contains 5-Chloro-2-methyl-2,3-dihydroisothiazol-3-one and 2-Methyl-2,3-dihydroisothiazol-3-one. May produce an allergic reaction.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 2

Section 3: Composition/information on ingredients**3.1. Substances**

Chemical identity: NO.17 SUPERSHEEN

Contains: <5% Non-ionic surfactants

Section 4: First aid measures**4.1. Description of first aid measures**

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

[cont...]

SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 3

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for disposal considerations.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Pale yellow

Odour: Perceptible odour

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Highly soluble

[cont...]

SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 4

Viscosity:	Non-viscous	Melting point/range°C:	No data available.
Boiling point/range°C:	100	upper:	Not applicable.
Flammability limits %: lower:	Not applicable.	Part.coeff. n-octanol/water:	No data available.
Flash point°C:	Not applicable.	Vapour pressure:	No data available.
Autoflammability°C:	Not applicable.	pH:	7 - 9
Relative density:	0.925		
VOC g/l:	No data available.		

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

- Skin contact: There may be mild irritation at the site of contact.
- Eye contact: There may be irritation and redness.
- Ingestion: There may be irritation of the throat.
- Inhalation: No symptoms.

[cont...]

SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 5

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste code number: 070601

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

[cont...]

SAFETY DATA SHEET

NO.17 SUPERSHEEN

Page: 6

Legend to abbreviations: PNEC = predicted no effect level
DNEL = derived no effect level
LD50 = median lethal dose
LC50 = median lethal concentration
EC50 = median effective concentration
IC50 = median inhibitory concentration
dw = dry weight
bw = body weight
cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 1

Compilation date: 07/02/2007

Revision date: 23/04/2015

Revision No: 2

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: NO.23 EXPRESS WAX

Product code: SWP/38/280906

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Polish for use on motor vehicle bodies

1.3. Details of the supplier of the safety data sheet

Company name: AUTOGLYM

Works Road

Letchworth

Herts

SG6 1LU

UK

Tel: +44 (0) 1462 677766

Fax: +44 (0) 1462 677712

Email: sds@autoglym.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1462 489498 (24Hrs)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: NO.23 EXPRESS WAX

SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 2

Section 4: First aid measures**4.1. Description of first aid measures**

- Skin contact:** Wash immediately with plenty of soap and water.
- Eye contact:** Bathe the eye with running water for 15 minutes.
- Ingestion:** Wash out mouth with water. Do not induce vomiting.
- Inhalation:** Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be mild irritation at the site of contact.
- Eye contact:** There may be irritation and redness.
- Ingestion:** There may be irritation of the throat.
- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures**5.1. Extinguishing media**

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

[cont...]

SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 3

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Cream

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Highly soluble

Viscosity: Non-viscous

Boiling point/range°C: 100

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: Not applicable.

Vapour pressure: No data available.

Relative density: 1.001

pH: 7.0

VOC g/l: No data available.

[cont...]

SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 4

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

[cont...]

SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 5

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment**

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations**13.1. Waste treatment methods**

Waste code number: 070601

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical Safety Assessment**

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information**Other information**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Legend to abbreviations: PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

[cont...]

SAFETY DATA SHEET

NO.23 EXPRESS WAX

Page: 6

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

**SAFETY DATA SHEET**

NO.49 WINDOW CLEAN

Page: 1

Compilation date: 15/11/2004

Revision date: 23/04/2015

Revision No: 7

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: NO.49 WINDOW CLEAN

Product code: NO49/NA/5897

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Cleaner for use on motor vehicle windscreens, mirrors and windows.

1.3. Details of the supplier of the safety data sheet

Company name: AUTOGLYM

Works Road

Letchworth

Herts

SG6 1LU

UK

Tel: +44 (0) 1462 677766

Fax: +44 (0) 1462 677712

Email: sds@autoglym.co.uk**1.4. Emergency telephone number**

Emergency tel: +44 (0) 1462 489498 (24Hrs)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CHIP: This product has no classification under CHIP.

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients**3.2. Mixtures**

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

Page: 2

Hazardous ingredients:

PROPYLENE GLYCOL MONOBUTYL ETHER

EINECS	CAS	CHIP Classification	CLP Classification	Percent
249-598-7	29387-86-8	-: R10; Xi: R36/38	-	1-10%

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

[cont...]

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

Page: 3

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for disposal considerations.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

Colour: Turquoise

Odour: Alcoholic

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Highly soluble

[cont...]

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

Page: 4

Viscosity: No data available.

Boiling point/range°C: 100

Melting point/range°C: No data available.

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: 53

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: 0.995

pH: 9.2

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

PROPYLENE GLYCOL MONOBUTYL ETHER

ORL	RAT	LD50	3000	mg/kg
SKN	RBT	LD50	2000	mg/kg

[cont...]

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

Page: 5

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste code number: 070601

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

[cont...]

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

Page: 6

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

R10: Flammable.

R11: Highly flammable.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R67: Vapours may cause drowsiness and dizziness.

Legend to abbreviations: PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

[cont...]

SAFETY DATA SHEET

NO.49 WINDOW CLEAN

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DRM = dermal

OCC = ocular/corneal

PCP = phycico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

**SAFETY DATA SHEET**

NO.65 MULTIWASH TFR

Page: 1

Compilation date: 10/06/2009

Revision date: 23/04/2015

Revision No: 5

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: NO.65 MULTIWASH TFR

Product code: PM3/AF1/190212

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Detergent for use on motor vehicles.

1.3. Details of the supplier of the safety data sheet

Company name: AUTOGLYM

Works Road

Letchworth

Herts

SG6 1LU

UK

Tel: +44 (0) 1462 677766

Fax: +44 (0) 1462 677712

Email: sds@autoglym.co.uk**1.4. Emergency telephone number**

Emergency tel: +44 (0) 1462 489498 (24Hrs)

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CHIP: This product has no classification under CHIP.

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients**3.2. Mixtures**

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 2

Hazardous ingredients:

SODIUM LAURYL ETHER SULPHATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
500-223-8	68585-34-2	Xi: R36/38	Eye Dam. 1: H318; Skin Irrit. 2: H315	1-10%

DISODIUM METASILICATE

229-912-9	6834-92-0	C: R34; Xi: R37	Skin Corr. 1B: H314; STOT SE 3: H335	1-10%
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C9-11 ALCOHOL ETHOXYLATE

-	68439-45-2	Xn: R22; Xi: R41	Acute Tox. 4: H302; Eye Dam. 1: H318	1-10%
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TETRASODIUM N,N-BIS(CARBOXYLATOMELHYL)-L-GLUTAMATE - REACH registered number(s): 01-2119493601-38-****

257-573-7	51981-21-6	Xi: R36/38	Met. Corr. 1: H290	1-10%
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Contains: 5 - 15% Anionic surfactants
<5% Non-ionic surfactants

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.
Eye contact: Bathe the eye with running water for 15 minutes.
Ingestion: Wash out mouth with water.
Inhalation: Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 3

Section 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Refer to section 13 of SDS for disposal considerations.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage**7.1. Precautions for safe handling****7.2. Conditions for safe storage, including any incompatibilities**

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection**8.1. Control parameters**

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

State: Liquid

[cont...]

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 4

Colour: Green

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Highly soluble

Viscosity: No data available.

Boiling point/range°C: 100

Melting point/range°C: No data available.

Flammability limits %: lower: Not applicable.

upper: Not applicable.

Flash point°C: Not applicable.

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: Not applicable.

Vapour pressure: No data available.

Relative density: 1.05

pH: 13.28

VOC g/l: No data available.

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity**10.1. Reactivity**

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information**11.1. Information on toxicological effects**

[cont...]

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 5

Hazardous ingredients:

SODIUM LAURYL ETHER SULPHATE

ORL	RAT	LD50	2000	mg/kg
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DISODIUM METASILICATE

ORL	MUS	LD50	770	mg/kg
ORL	RAT	LD50	1153	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Waste code number: 070601

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

[cont...]

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 6

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3:

- H290: May be corrosive to metals.
- H302: Harmful if swallowed.
- H314: Causes severe skin burns and eye damage.
- H315: Causes skin irritation.
- H318: Causes serious eye damage.
- H335: May cause respiratory irritation.
- R22: Harmful if swallowed.
- R34: Causes burns.
- R36/38: Irritating to eyes and skin.
- R37: Irritating to respiratory system.
- R41: Risk of serious damage to eyes.

Legend to abbreviations:

- PNEC = predicted no effect level
- DNEL = derived no effect level
- LD50 = median lethal dose
- LC50 = median lethal concentration
- EC50 = median effective concentration
- IC50 = median inhibitory concentration
- dw = dry weight
- bw = body weight
- cc = closed cup
- oc = open cup
- MUS = mouse
- GPG = guinea pig
- RBT = rabbit
- HAM = hamster

[cont...]

SAFETY DATA SHEET

NO.65 MULTIWASH TFR

Page: 7

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

DRM = dermal

OCC = ocular/corneal

PCP = physico-chemical properties

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Magic Tyres

Recommended Use: Cleaning and protecting plastic and vinyl surfaces.

Supplier: Auto Klene Solutions
ABN: 51 417 164 855
Street Address: 1/83 Merrindale Drive
 Croydon, Victoria
 Australia

Phone Number: +61 3 8761 1900
Facsimile: +61 3 8761 1955

2. HAZARDS IDENTIFICATION

This material is hazardous according to criteria of NOHSC; HAZARDOUS SUBSTANCE.

Classified as Non-Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail; NON-DANGEROUS GOODS.

Risk Phrases: R36 Irritating to eyes
 R43 May cause sensitisation by skin contact

Safety Phrases: S24/25 Avoid contact with skin and eyes
 S29/35 Do not empty into drains; dispose of this material and container in a safe way
 S37 Wear suitable gloves
 S60 This material and container must be disposed of as hazardous waste

Poisons Schedule: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Components/CAS Number	Proportion	Risk Phrases
Water / 7732 - 18 - 5	30-60%	
Polydimethylsiloxane / 63148 - 62 - 9	30-60%	
1, 2, 3 Propanetriol / 56-81-5	<10%	
Non ionic surfactants / 8131 - 31 -5 (20 -40 -)	<10%	
Poly electrolyte / Proprietary	<10%	
5-Chloro-2-methyl-4-isothiazol-3-one / 26172-55-4	<10%	

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 0 800 764766)

Inhalation: Remove source of contamination or move person to fresh air. Give artificial respiration if breathing has stopped. Seek medical attention.



MATERIAL SAFETY DATA SHEET

Skin Contact:	Flush skin with flowing water for at least 15 minutes. Remove contaminated clothing and shoes. If irritation persists, seek medical attention. Decontaminate clothing before re-use or discard.
Eye Contact:	Flush with flowing water for at least 15 minutes, and if symptoms persist, seek medical attention.
Ingestion:	Give water to drink to dilute stomach contents and seek medical attention.
Medical attention And special Treatment:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion Products:	Non-combustible. Not considered to be a significant fire risk. Expansion or decompression on heating may lead to violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO). May emit acrid smoke.
Precautions for fire fighters and Special protective equipment:	Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves for fire only. Prevent, by any means available, spillage from entering drains or water courses. Use fire fighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Suitable Extinguishing Media:	The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.
Hazchem Code:	None.

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:	If contamination of sewers or waterways has occurred advise local emergency services.
Methods and materials for Containment and clean up:	Clear area of all personnel. Alert Fire Brigade and tell them location and nature of hazard. Control personal contact by using protective equipment as required. Prevent spillage from entering drains and waterways. Collect recoverable product into labeled containers for recycling. Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal. Wash area and prevent run off into drains or waterways.

7. HANDLING AND STORAGE



MATERIAL SAFETY DATA SHEET

Conditions for safe storage: Store in a cool, dry place away from direct heat and sunlight.

Precautions for safe handling: N App

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS

Not established (500 ppm, TLV, TWA recommended)

PERSONAL PROTECTION

EYE

No special equipment for minor exposure i.e. when handling small quantities.

- OTHERWISE:

- Safety glasses with side shields.

- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants.

A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

HANDS/FEET

No special equipment needed when handling small quantities.

OTHERWISE: Wear chemical protective gloves, eg. PVC.

OTHER

No special equipment needed when handling small quantities.

OTHERWISE:

- Overalls.

- Barrier cream.

- Eyewash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult your Occupational Health and Safety Advisor.

ENGINEERING CONTROLS

Use with adequate ventilation. Avoid generation and inhalation of mists or aerosols.



MATERIAL SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Creamy liquid
Colour:	Off white
Odour:	Characteristic
Solubility:	Mixes with water
Specific Gravity:	1.0
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20°C):	N Av
Flash Point (°C):	101
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N Av
% Volatile by Weight:	70
Solubility in water (g/L):	Soluble
Melting Point/Range (°C):	0 approx
Boiling Point/Range (°C):	100 approx
Decomposition Point (°C):	N Av
pH:	N Av
Viscosity:	N Av
Evaporation Rate:	As for water

10. STABILITY AND REACTIVITY

Chemical Stability:	Product is considered stable and hazardous polymerization will not occur.
Conditions to avoid:	Avoid contact with foodstuffs.
Incompatible materials:	N App
Hazardous decomposition:	Exposure to high heat sources may cause decomposition of the product and the release of irritating fumes.
Hazardous reactions:	None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Ingestion:	Small amounts transferred to the mouth by fingers during use should not injure. Swallowing large amounts may cause digestive discomfort.
Eye contact:	Direct contact may irritate seriously with moderate to severe redness, swelling and some corneal injury lasting several days to a week.
Skin contact:	A single exposure (less than 24 hrs) may irritate. Repeated, prolonged contact (24 - 48 hrs) may cause moderate irritation.
Inhalation:	This product has extremely low vapour pressure and hence inhalation is unlikely as a route of over exposure. The odour of the product irritates the eyes and nose slightly.



MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity: Avoid contaminating waterways. Toxic to fish.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Refer to Waste Management Authority. Dispose of material through a licensed waste contractor. Normally suitable for incineration by an approved agent. Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

14. TRANSPORT INFORMATION

U.N. Number: None allocated
D.G Class: None allocated
Poisons Schedule: None allocated
Packaging Group: None allocated
Hazchem Code: Xi Irritant

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA, IMDG

15. REGULATORY INFORMATION

This material is hazardous according to criteria of NOHSC; HAZARDOUS SUBSTANCE.

Risk Phrases: R36 Irritating to eyes
 R43 May cause sensitisation by skin contact

Safety Phrases: S24/25 Avoid contact with skin and eyes
 S29/35 Do not empty into drains; dispose of this material and container in a safe way
 S37 Wear suitable gloves
 S60 This material and container must be disposed of as hazardous waste

Poisons Schedule: None.

16. OTHER INFORMATION

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Auto Klene cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.