

## SAFETY DATA SHEET

Material name: Odour Guard

### 1. Identification

|                                                        |                                                                    |
|--------------------------------------------------------|--------------------------------------------------------------------|
| Product identifier                                     | Odour Guard                                                        |
| Other means of identification                          |                                                                    |
| Product code(s)                                        | OG-0.05L<br>OG-0.25L                                               |
| Trade name(s)                                          | Odour Guard - Sport<br>Odour Guard - Pet & Home                    |
| Recommended use                                        | Antimicrobial                                                      |
| Recommended restrictions                               | None known.                                                        |
| Manufacturer/Importer/Supplier/Distributor information |                                                                    |
| Company name                                           | Bactraban (Pty) Ltd                                                |
| Address                                                | 17 Waterfall Avenue<br>Johannesburg, Gauteng, 2196<br>South Africa |
| Telephone                                              | 082 782 9456                                                       |
| Email                                                  | enquiries@bactraban.com                                            |
| SDS Version                                            | 01                                                                 |
| Emergency phone number                                 | UCT Poison Information Centre: (+27) 861 555 777 (24-hour service) |

### 2. Hazard(s) identification

|                                           |                                                            |
|-------------------------------------------|------------------------------------------------------------|
| Physical hazards                          | Not classified.                                            |
| Health hazards                            | Not classified.                                            |
| Environmental hazards                     | Not classified.                                            |
| OSHA defined hazards                      | Not classified.                                            |
| Label elements                            |                                                            |
| Hazard symbol                             | None.                                                      |
| Signal word                               | None.                                                      |
| Hazard statement                          | The mixture does not meet the criteria for classification. |
| Precautionary statement                   |                                                            |
| Prevention                                | Not available.                                             |
| Response                                  | Not available.                                             |
| Storage                                   | Not available.                                             |
| Disposal                                  | Not available.                                             |
| Hazard(s) not otherwise classified (HNOC) | None known.                                                |
| Supplemental information                  | None.                                                      |

### 3. Composition/information on ingredients

Mixtures

| Chemical name                                                 | Common name and synonyms | CAS number | %        |
|---------------------------------------------------------------|--------------------------|------------|----------|
| 3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium chloride |                          | 27668-52-6 | 1 - < 3  |
| Methanol                                                      |                          | 67-56-1    | < 0.2    |
| Other components below reportable levels                      |                          |            | 90 - 100 |

## 4. First-aid measures

|                                                                        |                                                                                                                  |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Inhalation                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                              |
| Skin contact                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                         |
| Eye contact                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                     |
| Ingestion                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                            |
| Most important symptoms/effects, acute and delayed                     | Direct contact with eyes may cause temporary irritation.                                                         |
| Indication of immediate medical attention and special treatment needed | Treat symptomatically.                                                                                           |
| General information                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. |

## 5. Fire-fighting measures

|                                                               |                                                                                               |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Suitable extinguishing media                                  | Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).                      |
| Unsuitable extinguishing media                                | Do not use water jet as an extinguisher, as this will spread the fire.                        |
| Specific hazards arising from the chemical                    | During fire, gases hazardous to health may be formed.                                         |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire. |
| Fire-fighting equipment/instructions                          | Move containers from fire area if you can do so without risk.                                 |
| Specific methods                                              | Use standard firefighting procedures and consider the hazards of other involved materials.    |
| General fire hazards                                          | No unusual fire or explosion hazards noted.                                                   |

## 6. Accidental release measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Methods and materials for containment and cleaning up               | <p>Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |
| Environmental precautions                                           | Avoid discharge into drains, water courses or onto the ground.                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## 7. Handling and storage

Precautions for safe handling

Avoid prolonged exposure. Observe good industrial hygiene practices.

Conditions for safe storage,  
including any incompatibilities

Store in tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Permissible Exposure Limits (PEL) for Air Contaminants (29 CFR 1910.1000)

| Components             | Type | Value     |
|------------------------|------|-----------|
| Methanol (CAS 67-56-1) | PEL  | 260 mg/m3 |
|                        |      | 200 ppm   |

#### US. ACGIH Threshold Limit Values (TLV)

| Components             | Type | Value   |
|------------------------|------|---------|
| Methanol (CAS 67-56-1) | STEL | 250 ppm |
|                        | TWA  | 200 ppm |

#### US. NIOSH: Pocket Guide to Chemical Hazards Recommended Exposure Limits (REL)

| Components             | Type | Value     |
|------------------------|------|-----------|
| Methanol (CAS 67-56-1) | STEL | 325 mg/m3 |
|                        |      | 250 ppm   |
|                        | TWA  | 260 mg/m3 |
|                        |      | 200 ppm   |

### Biological limit values

#### ACGIH Biological Exposure Indices (BEI)

| Components             | Value   | Determinant | Specimen | Sampling Time |
|------------------------|---------|-------------|----------|---------------|
| Methanol (CAS 67-56-1) | 15 mg/l | Methanol    | Urine    | *             |

\* - For sampling details, please see the source document.

### Exposure guidelines

#### US - California OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

#### US - Minnesota Haz Subs: Skin designation applies

Methanol (CAS 67-56-1) Skin designation applies.

#### US - Tennessee OELs: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

#### US ACGIH Threshold Limit Values: Skin designation

Methanol (CAS 67-56-1) Danger of cutaneous absorption

#### US NIOSH Pocket Guide to Chemical Hazards: Skin designation

Methanol (CAS 67-56-1) Can be absorbed through the skin.

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

|                                                                       |                                                                                                                                                                                                                       |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                       | If exposure limits have not been established, maintain airborne levels to an acceptable level.                                                                                                                        |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                       |
| Eye/face protection                                                   | Wear safety glasses with side shields (or goggles).                                                                                                                                                                   |
| Skin protection                                                       |                                                                                                                                                                                                                       |
| Hand protection                                                       | Wear appropriate chemical resistant gloves.                                                                                                                                                                           |
| Other                                                                 | Wear suitable protective clothing.                                                                                                                                                                                    |
| Respiratory protection                                                | In case of insufficient ventilation, wear suitable respiratory equipment.                                                                                                                                             |
| Thermal hazards                                                       | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                         |
| General hygiene considerations                                        | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. |

## 9. Physical and chemical properties

|                                              |                                |
|----------------------------------------------|--------------------------------|
| Appearance                                   |                                |
| Physical state                               | Liquid.                        |
| Form                                         | Liquid.                        |
| Color                                        | Not available.                 |
| Odor                                         | Not available.                 |
| Odor threshold                               | Not available.                 |
| pH                                           | Not available.                 |
| Melting point/freezing point                 | Not available.                 |
| Initial boiling point and boiling range      | 211.95 °F (99.97 °C) estimated |
| Flash point                                  | Not available.                 |
| Evaporation rate                             | Not available.                 |
| Flammability (solid, gas)                    | Not applicable.                |
| Upper/lower flammability or explosive limits |                                |
| Explosive limit - lower (%)                  | Not available.                 |
| Explosive limit - upper (%)                  | Not available.                 |
| Vapor pressure                               | -0.01 hPa estimated            |
| Vapor density                                | Not available.                 |
| Relative density                             | Not available.                 |
| Solubility(ies)                              |                                |
| Solubility (water)                           | Not available.                 |
| Partition coefficient (n-octanol/water)      | Not available.                 |
| Auto-ignition temperature                    | Not available.                 |
| Decomposition temperature                    | Not available.                 |
| Viscosity                                    | Not available.                 |
| Other information                            |                                |
| Density                                      | 1.00 g/cm3 estimated           |
| Explosive properties                         | Not explosive.                 |
| Oxidizing properties                         | Not oxidizing.                 |
| Percent volatile                             | 98.31 % estimated              |

|                  |                     |
|------------------|---------------------|
| Specific gravity | 1 estimated         |
| VOC              | 0.00007 % estimated |

## 10. Stability and reactivity

|                                    |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.                                                   |
| Possibility of hazardous reactions | No dangerous reaction known under conditions of normal use.                                   |
| Conditions to avoid                | Contact with incompatible materials.                                                          |
| Incompatible materials             | Strong oxidizing agents.                                                                      |
| Hazardous decomposition products   | No hazardous decomposition products are known.                                                |

## 11. Toxicological information

### Information on likely routes of exposure

|              |                                                          |
|--------------|----------------------------------------------------------|
| Inhalation   | Prolonged inhalation may be harmful.                     |
| Skin contact | No adverse effects due to skin contact are expected.     |
| Eye contact  | Direct contact with eyes may cause temporary irritation. |
| Ingestion    | Expected to be a low ingestion hazard.                   |

|                                                                              |                                                          |
|------------------------------------------------------------------------------|----------------------------------------------------------|
| Symptoms related to the physical, chemical and toxicological characteristics | Direct contact with eyes may cause temporary irritation. |
|------------------------------------------------------------------------------|----------------------------------------------------------|

### Information on toxicological effects

|                                   |                                                          |
|-----------------------------------|----------------------------------------------------------|
| Acute toxicity                    | Not available.                                           |
| Skin corrosion/irritation         | Prolonged skin contact may cause temporary irritation.   |
| Serious eye damage/eye irritation | Direct contact with eyes may cause temporary irritation. |

### Respiratory or skin sensitization

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| Respiratory sensitization | Not a respiratory sensitizer.                             |
| Skin sensitization        | This product is not expected to cause skin sensitization. |

|                        |                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------|
| Germ cell mutagenicity | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
|------------------------|------------------------------------------------------------------------------------------------------------------|

|                 |                                                   |
|-----------------|---------------------------------------------------|
| Carcinogenicity | Not classifiable as to carcinogenicity to humans. |
|-----------------|---------------------------------------------------|

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

#### US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

|                                                    |                                                                              |
|----------------------------------------------------|------------------------------------------------------------------------------|
| Reproductive toxicity                              | This product is not expected to cause reproductive or developmental effects. |
| Specific target organ toxicity - single exposure   | Not classified.                                                              |
| Specific target organ toxicity - repeated exposure | Not classified.                                                              |
| Aspiration hazard                                  | Not an aspiration hazard.                                                    |
| Chronic effects                                    | Prolonged inhalation may be harmful.                                         |

## 12. Ecological Information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Product     | Species |         | Test Results                      |
|-------------|---------|---------|-----------------------------------|
| Odour Guard |         |         |                                   |
| Aquatic     |         |         |                                   |
| Crustacea   | EC50    | Daphnia | 11932870 mg/l, 48 hours estimated |
| Fish        | LC50    | Fish    | 14218750 mg/l, 96 hours estimated |
| Acute       |         |         |                                   |
| Crustacea   | EC50    | Daphnia | 83.3323 mg/l, 48 hours estimated  |
| Fish        | LC50    | Fish    | 32.3923 mg/l, 96 hours estimated  |

| Components                                                                     | Species |                                      | Test Results           |
|--------------------------------------------------------------------------------|---------|--------------------------------------|------------------------|
| 3-(Trimethoxysilyl) propyldimethyloctadecyl ammonium chloride (CAS 27668-52-6) |         |                                      |                        |
| Aquatic                                                                        |         |                                      |                        |
| Acute                                                                          |         |                                      |                        |
| Crustacea                                                                      | EC50    | Daphnia magna                        | 0.72 mg/l, 48 hours    |
| Fish                                                                           | LC50    | Oncorhynchus mykiss                  | 0.56 mg/l, 96 hours    |
| Methanol (CAS 67-56-1)                                                         |         |                                      |                        |
| Aquatic                                                                        |         |                                      |                        |
| Acute                                                                          |         |                                      |                        |
| Crustacea                                                                      | EC50    | Water flea (Daphnia magna)           | > 10000 mg/l, 48 hours |
| Fish                                                                           | LC50    | Fathead minnow (Pimephales promelas) | > 100 mg/l, 96 hours   |

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential**

Partition coefficient n-octanol / water (log Kow)

Methanol -0.77

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

## Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

## DOT

Not regulated as dangerous goods.

## IATA

Not regulated as dangerous goods.

## IMDG

Not regulated as dangerous goods.

Transport in bulk according to  
Annex II of MARPOL 73/78 and the  
IBC Code

Not established.

## 15. Regulatory information

## US federal regulations

This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

## Toxic Substances Control Act (TSCA)

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

## CERCLA Hazardous Substance List (40 CFR 302.4)

Methanol (CAS 67-56-1) Listed.

## SARA 304 Emergency release notification

Not regulated.

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053)

Not listed.

## Superfund Amendments and Reauthorization Act of 1986 (SARA)

## SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous  
chemical

No.

## SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

## Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Methanol (CAS 67-56-1)

## Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act  
(SDWA)

Contains component(s) regulated under the Safe Drinking Water Act.

## US state regulations

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

Methanol (CAS 67-56-1)

## California Proposition 65



WARNING: For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

California Proposition 65 - CRT: Listed date/Developmental toxin

Methanol (CAS 67-56-1) Listed: March 16, 2012

## 16. Other information, including date of preparation or last revision

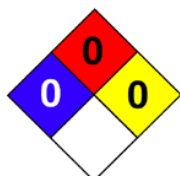
Issue date 15-07-2026

Version # 01

HMIS® ratings Health: 0  
Flammability: 0  
Physical hazard: 0

NFPA ratings Health: 0  
Flammability: 0  
Instability: 0

NFPA ratings



Source This Safety Data Sheet has been prepared by Bactraban (Pty) Ltd for the product Odour Guard. The health, safety and chemical information is based on the manufacturer's Safety Data Sheet for an identical formulation and has been reviewed for accuracy. Product identification and supplier details have been updated to reflect the product supplied by Bactraban (Pty) Ltd.

Revision history Initial Bactraban issue for Odour Guard. Adapted from the manufacturer's Safety Data Sheet for an identical formulation. Product identification and supplier information updated. Technical hazard information reviewed and retained.

Disclaimer 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 a 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.