



## Safety Data Sheet

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LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known as  
LOCTITE® Food Grade Anti-Seize

SDS No. : 304659  
V001.6  
Date of issue: 26.06.2026

### Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known as LOCTITE® Food Grade Anti-Seize

**Intended use:** Lubricant

**Supplier:**  
Henkel Australia Pty Ltd  
135-141 Canterbury Road  
Kilsyth, Victoria, 3137  
Australia

**Phone:** +61 (3) 9724 6444

**E-mail address of person responsible for Safety Data Sheet:** SDSinfo.Adhesive@henkel.com

**Emergency Telephone for Chemical Accidents:** 24 HOUR EMERGENCY CONTACT NUMBER: 1800 032 379

### Section 2. Hazards identification

**Classification of the substance or mixture**  
Hazardous according to the criteria of Safe Work Australia.

#### GHS Classification:

| <u>Hazard Class</u>                        | <u>Hazard Category</u> |
|--------------------------------------------|------------------------|
| Skin irritation                            | Category 2             |
| Serious eye damage/eye irritation          | Category 1             |
| Acute hazards to the aquatic environment   | Category 3             |
| Chronic hazards to the aquatic environment | Category 3             |

#### Hazard pictogram:



**Signal word:** Danger

LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known  
as LOCTITE® Food Grade Anti-Seize

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard statement(s):</b>        | H315 Causes skin irritation.<br>H318 Causes serious eye damage.<br>H412 Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                       |
| <b>Precautionary Statement(s):</b> |                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Prevention:</b>                 | P264 Wash hands thoroughly after handling.<br>P273 Avoid release to the environment.<br>P280 Wear protective gloves, eye protection, and face protection.                                                                                                                                                                                                                                        |
| <b>Response:</b>                   | P302+P352 IF ON SKIN: Wash with plenty of water.<br>P305+P351+P338+P315 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Get immediate medical advice/attention.<br>P332+P313 If skin irritation occurs: Get medical advice/attention.<br>P362+P364 Take off contaminated clothing and wash it before reuse. |
| <b>Disposal:</b>                   | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.                                                                                                                                                                                                                                                         |

**Dangerous Goods information:**

Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

### Section 3. Composition / information on ingredients

|                                      |                        |
|--------------------------------------|------------------------|
| <b>General chemical description:</b> | Mixture<br>Mineral oil |
| <b>Type of preparation:</b>          | Lubricant              |

**Identity of ingredients:**

| Chemical ingredients                              | CAS-No.    | Proportion |
|---------------------------------------------------|------------|------------|
| White mineral oil (petroleum)                     | 8042-47-5  | 30- < 60 % |
| White mineral oil (petroleum)                     | 8042-47-5  | 10- < 30 % |
| Calcium dihydroxide                               | 1305-62-0  | 10- < 20 % |
| Talc                                              | 14807-96-6 | < 10 %     |
| Aluminum, (benzoato-O,O')hydroxy(octadecanoato-O, | 54326-11-3 | < 10 %     |
| Calcium carbonate                                 | 471-34-1   | < 10 %     |

### Section 4. First aid measures

|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| <b>Ingestion:</b>                               | Rinse mouth, do not induce vomiting, consult a doctor.                                                         |
| <b>Skin:</b>                                    | Immediately wash skin thoroughly with soap and water.<br>Seek medical advice.                                  |
| <b>Eyes:</b>                                    | Immediately flush eyes with plenty of water for at least 15 minutes.<br>Immediate medical treatment necessary. |
| <b>Inhalation:</b>                              | Move to fresh air. If symptoms persist, seek medical advice.                                                   |
| <b>First Aid facilities:</b>                    | Eye wash<br>Normal washroom facilities                                                                         |
| <b>Medical attention and special treatment:</b> | Treat symptomatically.                                                                                         |

### Section 5. Fire fighting measures

|                                      |                                                     |
|--------------------------------------|-----------------------------------------------------|
| <b>Suitable extinguishing media:</b> | Carbon dioxide, foam, powder<br>Water spray or fog. |
|--------------------------------------|-----------------------------------------------------|

- Improper extinguishing media:** High pressure waterjet
- Decomposition products in case of fire:** Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition.  
Oxides of carbon.
- Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
- Additional fire fighting advice:** In case of fire, keep containers cool with water spray.  
Collect contaminated fire fighting water separately. It must not enter drains.

## Section 6. Accidental release measures

- Personal precautions:** Use personal protective equipment as described in Section 8.
- Environmental precautions:** Do not empty into drains / surface water / ground water.
- Clean-up methods:** Absorb spill with inert material. Shovel material into appropriate container for disposal.  
Dispose of contaminated material as waste according to Section 13.

## Section 7. Handling and storage

- Precautions for safe handling:** Avoid skin and eye contact.  
Refer to Section 8.  
Ensure that workrooms are adequately ventilated.
- Conditions for safe storage:** Suitable material for containers: original container.  
Store in a cool, dry, well-ventilated area.  
Keep away from heat and direct sunlight.

## Section 8. Exposure controls / personal protection

### National exposure standards:

| Ingredient [Regulated substance]                    | form of exposure | TWA (ppm) | TWA (mg/m3) | Peak Limit. (ppm) | Peak Limit. (mg/m3) | STEL (ppm) | STEL (mg/m3) |
|-----------------------------------------------------|------------------|-----------|-------------|-------------------|---------------------|------------|--------------|
| Oil mist, refined mineral<br>8042-47-5              |                  |           | 5           |                   |                     |            |              |
| Oil mist, refined mineral<br>8042-47-5              |                  |           | 5           |                   |                     |            |              |
| CALCIUM HYDROXIDE<br>1305-62-0                      |                  |           | 5           |                   |                     |            |              |
| Talc, (containing no asbestos fibres)<br>14807-96-6 |                  |           | 2.5         |                   |                     |            |              |
| Stearates<br>54326-11-3                             | Inhalable dust.  |           | 10          |                   |                     |            |              |
| CALCIUM CARBONATE<br>471-34-1                       | Inhalable dust.  |           | 10          |                   |                     |            |              |

|                                |                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering controls:</b>   | Ensure good ventilation/suction at the workplace.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Eye protection:</b>         | Wear chemical goggles and face shield.                                                                                                                                                                                                                                                                                                                                                              |
| <b>Skin protection:</b>        | Use of an impervious apron is recommended.<br>Nitrile rubber gloves should be worn.<br>Please note that in practice the working life of chemical resistant gloves may be considerably reduced as a result of many influencing factors (e.g. temperature). Suitable risk assessment should be carried out by the end user. If signs of wear and tear are noticed then the gloves should be replaced. |
| <b>Respiratory protection:</b> | If inhalation risk exists, wear a respirator or air supplied mask complying with the requirements of AS/NZS 1715 and AS/NZS 1716.                                                                                                                                                                                                                                                                   |

## Section 9. Physical and chemical properties

|                                             |                                                    |
|---------------------------------------------|----------------------------------------------------|
| <b>Appearance:</b>                          | White<br>Paste                                     |
| <b>Odor:</b>                                | Mild                                               |
| <b>pH:</b>                                  | Not applicable, Product is non-soluble (in water). |
| <b>Melting point / freezing point:</b>      | Not applicable, Product is a liquid                |
| <b>Specific gravity:</b>                    | 1.18                                               |
| <b>Boiling point:</b>                       | > 100 °C (> 212 °F)                                |
| <b>Flash point:</b><br>(calculated)         | 154 °C (309.2 °F)                                  |
| <b>Vapor pressure:</b><br>(; 20 °C (68 °F)) | < 1 hPa                                            |
| <b>Vapor density:</b>                       | > 1                                                |
| <b>Density:</b>                             | 1.18 g/cm <sup>3</sup>                             |
| <b>Solubility in water:</b>                 | Insoluble                                          |
| <b>Auto ignition:</b>                       | Not available.                                     |
| <b>Decomposition temperature:</b>           |                                                    |
| <b>VOC content:</b><br>(2010/75/EC)         | < 3 %                                              |

## Section 10. Stability and reactivity

|                                          |                                                                   |
|------------------------------------------|-------------------------------------------------------------------|
| <b>Stability:</b>                        | Stable under recommended storage conditions.                      |
| <b>Conditions to avoid:</b>              | Excessive heat.                                                   |
| <b>Incompatible materials:</b>           | Strong oxidizing agents.                                          |
| <b>Hazardous decomposition products:</b> | In case of fire toxic gases can be released.<br>Oxides of carbon. |
| <b>Hazardous polymerization:</b>         | Will not occur.                                                   |

## Section 11. Toxicological information

LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known  
as LOCTITE® Food Grade Anti-Seize

**Health Effects:**

**Ingestion:**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.  
Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis.

**Skin:**

Causes skin irritation.

**Eyes:**

Symptoms may include redness, edema, drying, defatting and cracking of the skin.  
Causes serious eye damage.

**Inhalation:**

Contact with the eyes may cause moderate to severe eye injury. Eye contact may result in corneal injury. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.  
May cause respiratory tract irritation.  
Inhalation of copper fumes may result in metal fume fever. Symptoms include metallic taste, discoloration of skin or hair.

**Aggravated med.  
condition:**

Eye, skin, and respiratory disorders.

**Acute toxicity:**

| Hazardous components<br>CAS-No.                                         | Value<br>type        | Value                                        | Route of<br>application      | Exposure<br>time | Species              | Method                                                                                                                                   |
|-------------------------------------------------------------------------|----------------------|----------------------------------------------|------------------------------|------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5                           | LD50<br>LC50<br>LD50 | > 5,000 mg/kg<br>> 5 mg/l<br>> 2,000 mg/kg   | oral<br>inhalation<br>dermal | 4 h              | rat<br>rat<br>rabbit | OECD Guideline 401 (Acute Oral Toxicity)<br>OECD Guideline 403 (Acute Inhalation Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity) |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | LD50<br>LC50<br>LD50 | > 5,000 mg/kg<br>> 5 mg/l<br>> 2,000 mg/kg   | oral<br>inhalation<br>dermal | 4 h              | rat<br>rat<br>rabbit | OECD Guideline 401 (Acute Oral Toxicity)<br>OECD Guideline 403 (Acute Inhalation Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity) |
| Calcium dihydroxide<br>1305-62-0                                        | LD50<br>LD50         | > 7,340 mg/kg<br>> 2,500 mg/kg               | oral<br><br>dermal           |                  | rat<br>rabbit        | OECD Guideline 401 (Acute Oral Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity)                                                   |
| Talc<br>14807-96-6                                                      | LD50<br>LC50<br>LD50 | > 5,000 mg/kg<br>> 2.1 mg/l<br>> 2,000 mg/kg | oral<br>inhalation<br>dermal | 4 h              | rat<br>rat<br>rat    | OECD Guideline 423 (Acute Oral toxicity)<br>OECD Guideline 403 (Acute Inhalation Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity) |
| Aluminum, (benzoato-<br>O,O')hydroxy(octadecano<br>ato-O,<br>54326-11-3 | LD50<br>LD50         | > 2,000 mg/kg<br>> 2,000 mg/kg               | oral<br><br>dermal           |                  | rat<br>rat           | OECD Guideline 420 (Acute Oral Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity)                                                   |
| Calcium carbonate<br>471-34-1                                           | LD50<br>LC50<br>LD50 | > 2,000 mg/kg<br>> 3 mg/l<br>> 2,000 mg/kg   | oral<br>inhalation<br>dermal | 4 h              | rat<br>rat<br>rat    | OECD Guideline 420 (Acute Oral Toxicity)<br>OECD Guideline 403 (Acute Inhalation Toxicity)<br>OECD Guideline 402 (Acute Dermal Toxicity) |

**Skin corrosion/irritation:**

| Hazardous components<br>CAS-No.                                         | Result              | Exposure<br>time | Species                                                                      | Method                                                                                                  |
|-------------------------------------------------------------------------|---------------------|------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not irritating      |                  | rabbit                                                                       | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion)                                             |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not irritating      |                  | rabbit                                                                       | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion)                                             |
| Calcium dihydroxide<br>1305-62-0                                        | irritating          | 4 h              | rabbit                                                                       | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion)                                             |
| Talc<br>14807-96-6                                                      | slightly irritating | 4 h              | rabbit                                                                       | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion)                                             |
| Aluminum, (benzoato-<br>O,O')hydroxy(octadecano<br>ato-O,<br>54326-11-3 | not irritating      |                  | Human,<br>EpiSkin™<br>(SM),<br>Reconstructe<br>d Human<br>Epidermis<br>(RHE) | OECD Guideline 439 (In Vitro<br>Skin Irritation: Reconstructed<br>Human Epidermis (RHE) Test<br>Method) |
| Calcium carbonate<br>471-34-1                                           | not irritating      | 4 h              | rabbit                                                                       | OECD Guideline 404 (Acute<br>Dermal Irritation / Corrosion)                                             |

**Serious eye damage/irritation:**

| Hazardous components<br>CAS-No.                                         | Result                                       | Exposure<br>time | Species | Method                                                   |
|-------------------------------------------------------------------------|----------------------------------------------|------------------|---------|----------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not irritating                               |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not irritating                               |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| Calcium dihydroxide<br>1305-62-0                                        | Category 1 (irreversible effects on the eye) |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| Talc<br>14807-96-6                                                      | not irritating                               |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| Aluminum, (benzoato-<br>O,O')hydroxy(octadecano<br>ato-O,<br>54326-11-3 | not irritating                               |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |
| Calcium carbonate<br>471-34-1                                           | not irritating                               |                  | rabbit  | OECD Guideline 405 (Acute<br>Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

| Hazardous components<br>CAS-No.                                         | Result          | Test type                                      | Species    | Method                                                                |
|-------------------------------------------------------------------------|-----------------|------------------------------------------------|------------|-----------------------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not sensitising | Buehler<br>test                                | guinea pig | OECD Guideline 406 (Skin<br>Sensitisation)                            |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | not sensitising | Buehler<br>test                                | guinea pig | OECD Guideline 406 (Skin<br>Sensitisation)                            |
| Talc<br>14807-96-6                                                      | not sensitising | Guinea pig<br>maximisation<br>test             | guinea pig | OECD Guideline 406 (Skin<br>Sensitisation)                            |
| Aluminum, (benzoato-<br>O,O')hydroxy(octadecano<br>ato-O,<br>54326-11-3 | not sensitising | Mouse<br>local<br>lymphnode<br>assay<br>(LLNA) | mouse      | OECD Guideline 429 (Skin<br>Sensitisation: Local Lymph<br>Node Assay) |
| Calcium carbonate<br>471-34-1                                           | not sensitising | Mouse<br>local<br>lymphnode<br>assay<br>(LLNA) | mouse      | OECD Guideline 429 (Skin<br>Sensitisation: Local Lymph<br>Node Assay) |

**Germ cell mutagenicity:**

| Hazardous components<br>CAS-No.                                         | Result                           | Type of study /<br>Route of<br>administration                                                                                                          | Metabolic<br>activation /<br>Exposure time               | Species | Method                                                                                                                                                                                                           |
|-------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5                           | negative<br>negative             | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>mammalian cell<br>gene mutation assay                                                        | with<br>with and without                                 |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)<br>OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)                                                                             |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | negative                         | intraperitoneal                                                                                                                                        |                                                          | mouse   | OECD Guideline 474<br>(Mammalian Erythrocyte<br>Micronucleus Test)                                                                                                                                               |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | negative<br>negative             | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>mammalian cell<br>gene mutation assay                                                        | with<br>with and without                                 |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)<br>OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)                                                                             |
| White mineral oil<br>(petroleum)<br>8042-47-5                           | negative                         | intraperitoneal                                                                                                                                        |                                                          | mouse   | OECD Guideline 474<br>(Mammalian Erythrocyte<br>Micronucleus Test)                                                                                                                                               |
| Calcium dihydroxide<br>1305-62-0                                        | negative                         | bacterial reverse<br>mutation assay (e.g<br>Ames test)                                                                                                 | with and without                                         |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)                                                                                                                                                      |
| Talc<br>14807-96-6                                                      | negative<br>negative             | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>in vitro mammalian<br>cell transformation<br>assay                                           | with and without<br>without                              |         | equivalent or similar to OECD<br>Guideline 471 (Bacterial<br>Reverse Mutation Assay)<br>equivalent or similar to OECD<br>Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test)                     |
| Talc<br>14807-96-6                                                      | negative                         | oral: gavage                                                                                                                                           |                                                          | rat     | equivalent or similar to OECD<br>Guideline 478 (Genetic<br>Toxicology: Rodent Dominant<br>Lethal Test)                                                                                                           |
| Aluminum, (benzoato-<br>O,O')hydroxy(octadecano<br>ato-O,<br>54326-11-3 | negative<br>negative<br>negative | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>mammalian cell<br>gene mutation assay<br>in vitro mammalian<br>cell micronucleus<br>test     | with and without<br>with and without<br>with and without |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)<br>OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test)<br>OECD Guideline 487 (In vitro<br>Mammalian Cell<br>Micronucleus Test)     |
| Calcium carbonate<br>471-34-1                                           | negative<br>negative<br>negative | bacterial reverse<br>mutation assay (e.g<br>Ames test)<br>in vitro mammalian<br>chromosome<br>aberration test<br>mammalian cell<br>gene mutation assay | with and without<br>with and without<br>with and without |         | OECD Guideline 471<br>(Bacterial Reverse Mutation<br>Assay)<br>OECD Guideline 473 (In vitro<br>Mammalian Chromosome<br>Aberration Test)<br>OECD Guideline 476 (In vitro<br>Mammalian Cell Gene<br>Mutation Test) |

LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known  
as LOCTITE® Food Grade Anti-Seize

**Repeated dose toxicity:**

| Hazardous components<br>CAS-No.               | Result                       | Route of<br>application | Exposure time /<br>Frequency of<br>treatment | Species | Method                                                                                                                               |
|-----------------------------------------------|------------------------------|-------------------------|----------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------|
| White mineral oil<br>(petroleum)<br>8042-47-5 | NOAEL= $\geq$ 1,200<br>mg/kg | oral: feed              | 24 mdaily                                    | rat     | OECD Guideline 453<br>(Combined Chronic Toxicity /<br>Carcinogenicity Studies)                                                       |
| White mineral oil<br>(petroleum)<br>8042-47-5 | NOAEL= $\geq$ 50<br>mg/m3    | inhalation:<br>aerosol  | 4 w6 h/d, 5 d/w                              | rat     | equivalent or similar to OECD<br>Guideline 412 (Repeated Dose<br>Inhalation Toxicity: 28/14-<br>Day)                                 |
| White mineral oil<br>(petroleum)<br>8042-47-5 | NOAEL= $\geq$ 2,000<br>mg/kg | dermal                  | 13 wdaily                                    | rat     | OECD Guideline 411<br>(Subchronic Dermal Toxicity:<br>90-Day Study)                                                                  |
| White mineral oil<br>(petroleum)<br>8042-47-5 | NOAEL= $\geq$ 1,600<br>mg/kg | oral: feed              | 90 ddaily                                    | rat     | OECD Guideline 408<br>(Repeated Dose 90-Day Oral<br>Toxicity in Rodents)                                                             |
| Talc<br>14807-96-6                            | NOAEL=100<br>mg/kg           | oral: feed              | 101 d7 d/w                                   | rat     | equivalent or similar to OECD<br>Guideline 452 (Chronic<br>Toxicity Studies)                                                         |
| Calcium carbonate<br>471-34-1                 | NOAEL=1,000<br>mg/kg         | oral: gavage            | 48 ddaily                                    | rat     | OECD Guideline 422<br>(Combined Repeated Dose<br>Toxicity Study with the<br>Reproduction / Developmental<br>Toxicity Screening Test) |

**Section 12. Ecological information**

**General ecological information:**

Do not empty into drains / surface water / ground water.



**Ecotoxicity:** H412 Harmful to aquatic life with long lasting effects.**Toxicity:**

| Hazardous components<br>CAS-No.            | Value<br>type | Value       | Acute<br>Toxicity<br>Study | Exposure<br>time | Species                                                | Method                                                                      |
|--------------------------------------------|---------------|-------------|----------------------------|------------------|--------------------------------------------------------|-----------------------------------------------------------------------------|
| White mineral oil (petroleum)<br>8042-47-5 | LL50          | > 100 mg/l  | Fish                       | 96 h             | Oncorhynchus mykiss                                    | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)                        |
| White mineral oil (petroleum)<br>8042-47-5 | EL50          | > 100 mg/l  | Daphnia                    | 48 h             | Daphnia magna                                          | OECD Guideline<br>202 (Daphnia sp.<br>Acute<br>Immobilisation<br>Test)      |
| White mineral oil (petroleum)<br>8042-47-5 | NOELR         | 100 mg/l    | Algae                      | 72 h             | Pseudokirchneriella subcapitata                        | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)                     |
| White mineral oil (petroleum)<br>8042-47-5 | IC50          | > 100 mg/l  | Bacteria                   | 93 d             | other:                                                 | other guideline:                                                            |
| White mineral oil (petroleum)<br>8042-47-5 | LL50          | > 100 mg/l  | Fish                       | 96 h             | Oncorhynchus mykiss                                    | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)                        |
| White mineral oil (petroleum)<br>8042-47-5 | EL50          | > 100 mg/l  | Daphnia                    | 48 h             | Daphnia magna                                          | OECD Guideline<br>202 (Daphnia sp.<br>Acute<br>Immobilisation<br>Test)      |
| White mineral oil (petroleum)<br>8042-47-5 | NOELR         | 100 mg/l    | Algae                      | 72 h             | Pseudokirchneriella subcapitata                        | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)                     |
| White mineral oil (petroleum)<br>8042-47-5 | IC50          | > 100 mg/l  | Bacteria                   | 93 d             | other:                                                 | other guideline:                                                            |
| Calcium dihydroxide<br>1305-62-0           | LC50          | 50.6 mg/l   | Fish                       | 96 h             | Oncorhynchus mykiss                                    | OECD Guideline<br>203 (Fish, Acute<br>Toxicity Test)                        |
| Calcium dihydroxide<br>1305-62-0           | EC50          | 49.1 mg/l   | Daphnia                    | 48 h             | Daphnia magna                                          | OECD Guideline<br>202 (Daphnia sp.<br>Acute<br>Immobilisation<br>Test)      |
| Calcium dihydroxide<br>1305-62-0           | EC50          | 184.57 mg/l | Algae                      | 72 h             | Pseudokirchneriella subcapitata                        | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)                     |
| Calcium dihydroxide<br>1305-62-0           | NOEC          | 48 mg/l     | Algae                      | 72 h             | Pseudokirchneriella subcapitata                        | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)                     |
| Calcium dihydroxide<br>1305-62-0           | EC20          | 229.2 mg/l  | Bacteria                   | 3 h              | activated sludge of a<br>predominantly domestic sewage | OECD Guideline<br>209 (Activated<br>Sludge, Respiration<br>Inhibition Test) |
| Calcium carbonate<br>471-34-1              | NOEC          | 14 mg/l     | Algae                      | 72 h             | Desmodesmus subspicatus                                | OECD Guideline<br>201 (Alga, Growth<br>Inhibition Test)                     |

**Persistence and degradability:**

| Hazardous components<br>CAS-No. | Result | Route of<br>application | Degradability | Method |
|---------------------------------|--------|-------------------------|---------------|--------|
|---------------------------------|--------|-------------------------|---------------|--------|

LOCTITE LB 8014 FOODGRADE ANTI-SEIZE known  
as LOCTITE® Food Grade Anti-Seize

|                                                                 |                            |         |        |                                                                             |
|-----------------------------------------------------------------|----------------------------|---------|--------|-----------------------------------------------------------------------------|
| White mineral oil (petroleum)<br>8042-47-5                      | not readily biodegradable. | aerobic | 31.3 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| White mineral oil (petroleum)<br>8042-47-5                      | not readily biodegradable. | aerobic | 31.3 % | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |
| Aluminum, (benzoato-O,O')hydroxy(octadecanoato-O,<br>54326-11-3 | readily biodegradable      | aerobic | 79 %   | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)           |

**Bioaccumulative potential / Mobility in soil:**

| Hazardous components<br>CAS-No.            | LogPow | Bioconcentration<br>factor (BCF) | Exposure<br>time | Species | Temperature | Method                                              |
|--------------------------------------------|--------|----------------------------------|------------------|---------|-------------|-----------------------------------------------------|
| White mineral oil (petroleum)<br>8042-47-5 | > 4    |                                  |                  |         |             | EU Method A.8 (Partition Coefficient)               |
| White mineral oil (petroleum)<br>8042-47-5 | > 4    |                                  |                  |         |             | EU Method A.8 (Partition Coefficient)               |
| Talc<br>14807-96-6                         | -9.4   |                                  |                  |         | 25 °C       | QSAR (Quantitative Structure Activity Relationship) |
| Calcium carbonate<br>471-34-1              | -2.12  |                                  |                  |         |             | QSAR (Quantitative Structure Activity Relationship) |

### Section 13. Disposal considerations

- Waste disposal of product:** Collection and delivery to recycling enterprise or other registered elimination institution.
- Recommended cleanser:** Suitable organic solvents:
- Disposal for uncleaned package:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

### Section 14. Transport information

**Road and Rail Transport:**

Dangerous Goods information: Not classified as Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).

**Marine transport IMDG:**

Not dangerous goods

**Air transport IATA:**

Not dangerous goods

### Section 15. Regulatory information

SUSMP Poisons Schedule None

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**AIIC:** All components are listed or are exempt from listing on the Australian Inventory of Industrial Chemicals or Introduced under AICIS.

### Section 16. Other information

**Abbreviations/acronyms:** ADGC - Australian Dangerous Goods Code  
IMDG: International Maritime Dangerous Goods code  
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations  
STEL - Short term exposure limit  
TWA - Time weighted average  
AIIC - Australian Inventory of Industrial Chemicals (AIIC)  
AICIS - Australian Industrial Chemicals Introduction Scheme

**Reason for issue:** Reviewed SDS. Reissued with new date. involved chapters: 1 - 16

**Date of previous issue:** 11.08.2021

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