**Safety Data Sheet**



LOCTITE SILVER ANTI-SEIZE

SDS No. : 153549
V001.8
Revision: 11.05.2026
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## Section 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** LOCTITE SILVER ANTI-SEIZE

**Other means of identification:** LOCTITE SILVER ANTI-SEIZE BO8OZEN/SP
**Product code:** IDH501000
**Recommended use of the chemical and restrictions on use**

**Intended use:** Lubricant
**Manufacturer/Importer/Distributor Representative Company**

Henkel Adhesive Tech. Vietnam Co., Ltd,
No. 7, Road 9A Bien Hoa II Industrial Zone,
Bien Hoa City,
810000 Dong Nai Province

Vietnam

Phone: +84 (28) 7100 6301
Fax-no.: +84 (28) 7100 6300

**E-mail address of person responsible for Safety Data Sheet:** ap-ua-psra.sea@henkel.com

**Emergency Telephone for Chemical Accidents:** FOR EMERGENCIES ONLY (Spill, major leak, Fire, Exposure, or Accident). Call: +84 28 71006388

## Section 2. Hazards identification

**GHS Classification:**

| Hazard Class | Hazard Category |
|---|---|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 1 |

**GHS label elements:**

**Hazard pictogram:**



**Signal word:** Danger

**Hazard statement:** H315 Causes skin irritation.
H318 Causes serious eye damage.

**Precaution:**

**Prevention:** P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** P302+P352 IF ON SKIN: Wash with plenty of water.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

## Section 3. Composition / information on ingredients

**Substance or Mixture:**
Mixture

**Declaration of hazardous chemical:**

| Hazard component CAS-No. | Content | GHS Classification |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO<br>64742-52-5 | 30- 60 % | |
| Graphite<br>7782-42-5 | 10- 30 % | |
| Calcium oxide<br>1305-78-8 | 10- 30 % | Skin corrosion/irritation 2<br>H315<br>Serious eye damage/eye irritation 1<br>H318<br>Target Organ Systemic Toxicant - Single exposure 3<br>H335<br>Acute hazards to the aquatic environment 3<br>H402 |
| Aluminum<br>7429-90-5 | 1- 10 % | |
| White mineral oil (petroleum)<br>8042-47-5 | 1- 10 % | Aspiration hazard 1<br>H304 |

## Section 4. First aid measures

**Inhalation:** Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:** Rinse with running water and soap.
Seek medical advice.

**Eye contact:** Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

**Ingestion:** Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

**Indication of immediate medical attention and special treatment needed:** See section: Description of first aid measures

## Section 5. Fire fighting measures

**Suitable extinguishing media:** Carbon dioxide, foam, powder

| | |
|---|---|
| **Specific hazards arising from the chemical:** | In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO2) can be released. |
| **Special protection equipment and precautions for firefighters:** | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray. |
| **Hazardous combustion products:** | Oxides of carbon. |

## Section 6. Accidental release measures

| | |
|---|---|
| **Personal precautions:** | Avoid skin and eye contact.<br>Ensure adequate ventilation.<br>Wear protective equipment.<br>See advice in section 8 |
| **Environmental precautions:** | Do not empty into drains / surface water / ground water. |
| **Clean-up methods:** | For small spills wipe up with paper towel and place in container for disposal.<br>For large spills absorb onto inert absorbent material and place in sealed container for disposal.<br>Dispose of contaminated material as waste according to Section 13. |

## Section 7. Handling and storage

| | |
|---|---|
| **Handling:** | Use only in well-ventilated areas.<br>Avoid skin and eye contact.<br>See advice in section 8 |
| **Storage:** | Store in a cool, well-ventilated place.<br>Keep away from heat and direct sunlight.<br>Refer to Technical Data Sheet. |

## Section 8. Exposure controls / personal protection

**Components with specific control parameters for workplace:**

| | | |
|---|---|---|
| Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction<br>64742-52-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 5 |
| | **Remarks** | ACGIH |
| Mineral oil (mist)<br>64742-52-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 5 |
| | **Remarks** | VN OEL |
| Mineral oil (mist)<br>64742-52-5 | **Value type** | Short-term exposure limit (STEL): |
| | **mg/m³** | 10 |
| | **Remarks** | VN OEL |
| GRAPHITE (ALL FORMS EXCEPT GRAPHITE FIBERS), RESPIRABLE FRACTION<br>7782-42-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 2 |
| | **Remarks** | ACGIH |
| CALCIUM OXIDE<br>1305-78-8 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 2 |
| | **Remarks** | ACGIH |
| Calcium oxide<br>1305-78-8 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 2 |
| | **Remarks** | VN OEL |
| Calcium oxide<br>1305-78-8 | **Value type** | Short-term exposure limit (STEL): |
| | **mg/m³** | 4 |
| | **Remarks** | VN OEL |
| Aluminum and compounds<br>7429-90-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 2 |
| | **Remarks** | VN OEL |
| Particles (insoluble or poorly soluble) not otherwise specified, respirable particles<br>7429-90-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 3 |
| | **Remarks** | ACGIH |
| Particles (insoluble or poorly soluble) not otherwise specified, inhalable particles<br>7429-90-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 10 |
| | **Remarks** | ACGIH |
| Aluminum metal and insoluble compounds, respirable fraction<br>7429-90-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 1 |
| | **Remarks** | ACGIH |
| Mineral oil, excluding metal working fluids, pure, highly and severely refined, inhalable fraction<br>8042-47-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 5 |
| | **Remarks** | ACGIH |
| Mineral oil (mist)<br>8042-47-5 | **Value type** | Time Weighted Average (TWA): |
| | **mg/m³** | 5 |
| | **Remarks** | VN OEL |
| Mineral oil (mist)<br>8042-47-5 | **Value type** | Short-term exposure limit (STEL): |
| | **mg/m³** | 10 |

| | |
|---|---|
| **Remarks** | VN OEL |

**Respiratory protection:**
Ensure adequate ventilation.
An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area
Filter type: A (EN 14387)

**Hand protection:**
Chemical-resistant protective gloves (EN 374).
Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):
nitrile rubber (NBR; >= 0.4 mm thickness)
This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

**Eye protection:**
Wear protective glasses.
Protective eye equipment should conform to EN166.

**Body protection:**
Wear suitable protective clothing.
Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Engineering controls:**
Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**General protection and hygiene measures:**
The workplace should be equipped with an emergency shower and eye-rinsing facility.

**Hygienic measures:**
Wash hands before work breaks and after finishing work.
Do not eat, drink or smoke while working.
Take off contaminated clothing and wash before reuse.

## Section 9. Physical and chemical properties

| | |
|---|---|
| **Appearance:** | Silver<br>liquid |
| **Odor:** | Hydrocarbons |
| **Odor threshold (CA):** | No data available. |
| **pH:** | Not applicable, Product is non-soluble (in water). |
| **Melting point / freezing point:** | Not applicable, Product is a liquid |
| **Specific gravity:** | 1.25 |
| **Boiling point:** | > 100 °C (> 212 °F) |
| **Flash point:** | > 93 °C (> 199.4 °F) |
| **Evaporation rate:** | No data available. |
| **Flammability (solid, gas):** | No data available. |
| **Lower explosive limit:** | No data available. |
| **Upper explosive limit:** | No data available. |
| **Vapor pressure:**<br>(; 20 °C (68 °F)) | < 1 hPa |
| **Vapor density:** | > 1<br>Heavier than air |
| **Density:** | 1.2 g/cm3 |
| **Solubility:** | Insoluble |
| **Partition coefficient: n-octanol/water:** | No data available. |
| **Auto ignition:** | No data available. |
| **Decomposition temperature:** | No data available. |

**Viscosity:** 121,000 - 258,000 mPa.s (BROOKFIELD WITH HELIPATH; Instrument: RVT; speed of rotation: 5 min-1; Spindle No: TD; Method: ;; LCT STM 10; Viscosity Brookfield)

**VOC content:** < 3 %
(2010/75/EC)

## Section 10. Stability and reactivity

**Reactivity/Incompatible materials:** Reacts with strong oxidants.
**Chemical stability:** Stable under recommended storage conditions.
**Conditions to avoid:** Stable
**Hazardous decomposition products:** Irritating organic vapours.
carbon oxides.

## Section 11. Toxicological information

Symptoms of Overexposure**:** After eye contact: Corrosive, may cause permanent damage to eyes (impairment of vision).
SKIN: Redness, inflammation.

**Acute oral toxicity:**

| | | |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5 | Value type | LD50 |
| | Value | > 5,000 mg/kg |
| | Species | rat |
| | Method | OECD Guideline 401 (Acute Oral Toxicity) |
| Graphite 7782-42-5 | Value type | Acute toxicity estimate (ATE) |
| | Value | > 5,000 mg/kg |
| | Species | |
| | Method | Expert judgement |
| Calcium oxide 1305-78-8 | Value type | LD50 |
| | Value | > 2,000 mg/kg |
| | Species | rat |
| | Method | OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure) |
| Aluminum 7429-90-5 | Value type | LD50 |
| | Value | > 15,900 mg/kg |
| | Species | rat |
| | Method | OECD Guideline 401 (Acute Oral Toxicity) |
| White mineral oil (petroleum) 8042-47-5 | Value type | LD50 |
| | Value | > 5,000 mg/kg |
| | Species | rat |
| | Method | OECD Guideline 401 (Acute Oral Toxicity) |

**Acute inhalative toxicity:**

| | | |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5 | Value type | LC50 |
| | Value | > 5.53 mg/l |
| | Exposure time | 4 h |
| | Species | rat |
| | Method | OECD Guideline 403 (Acute Inhalation Toxicity) |
| Graphite 7782-42-5 | Value type | LC50 |
| | Value | > 2 mg/l |
| | Exposure time | 4 h |
| | Species | rat |
| | Method | OECD Guideline 403 (Acute Inhalation Toxicity) |
| Calcium oxide 1305-78-8 | Value type | LC50 |
| | Value | > 6.04 mg/l |
| | Exposure time | 4 h |
| | Species | rat |
| | Method | OECD Guideline 436 (Acute Inhalation Toxicity: Acute Toxic Class (ATC) Method) |
| White mineral oil (petroleum) 8042-47-5 | Value type | LC50 |
| | Value | > 5 mg/l |
| | Exposure time | 4 h |
| | Species | rat |
| | Method | OECD Guideline 403 (Acute Inhalation Toxicity) |

**Acute dermal toxicity:**

| | | |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5 | Value type | LD50 |
| | Value | > 5,000 mg/kg |
| | Species | rabbit |
| | Method | OECD Guideline 402 (Acute Dermal Toxicity) |
| Calcium oxide 1305-78-8 | Value type | LD50 |
| | Value | > 2,500 mg/kg |
| | Species | rabbit |
| | Method | OECD Guideline 402 (Acute Dermal Toxicity) |
| White mineral oil (petroleum) 8042-47-5 | Value type | LD50 |
| | Value | > 2,000 mg/kg |
| | Species | rabbit |
| | Method | OECD Guideline 402 (Acute Dermal Toxicity) |

**Skin corrosion/irritation:**

| | | |
|---|---|---|
| Graphite 7782-42-5 | Result | not irritating |
| | Exposure time | 4 h |
| | Species | rabbit |
| | Method | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| Calcium oxide 1305-78-8 | Result | irritating |
| | Exposure time | 4 h |
| | Species | rabbit |
| | Method | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |
| White mineral oil (petroleum) 8042-47-5 | Result | not irritating |
| | Exposure time | |
| | Species | rabbit |
| | Method | OECD Guideline 404 (Acute Dermal Irritation / Corrosion) |

**Serious eye damage/irritation:**

| | | |
|---|---|---|
| Graphite<br>7782-42-5 | Result | not irritating |
| | Exposure time | |
| | Species | rabbit |
| | Method | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| Calcium oxide<br>1305-78-8 | Result | Category 1 (irreversible effects on the eye) |
| | Exposure time | |
| | Species | rabbit |
| | Method | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | not irritating |
| | Exposure time | |
| | Species | rabbit |
| | Method | OECD Guideline 405 (Acute Eye Irritation / Corrosion) |

**Respiratory or skin sensitization:**

| | | |
|---|---|---|
| Graphite<br>7782-42-5 | Result | not sensitising |
| | Test type | Mouse local lymphnode assay (LLNA) |
| | Species | mouse |
| | Method | equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |
| Calcium oxide<br>1305-78-8 | Result | not sensitising |
| | Test type | Mouse local lymphnode assay (LLNA) |
| | Species | mouse |
| | Method | OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | not sensitising |
| | Test type | Buehler test |
| | Species | guinea pig |
| | Method | OECD Guideline 406 (Skin Sensitisation) |

**Germ cell mutagenicity:**

| | | |
|---|---|---|
| Graphite<br>7782-42-5 | Result | negative |
| | Type of study / Route of administration | bacterial reverse mutation assay (e.g Ames test) |
| | Metabolic activation / Exposure time | with and without |
| | Method | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| Graphite<br>7782-42-5 | Result | negative |
| | Type of study / Route of administration | in vitro mammalian chromosome aberration test |
| | Metabolic activation / Exposure time | with and without |
| | Method | OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test) |
| Graphite<br>7782-42-5 | Result | negative |
| | Type of study / Route of administration | mammalian cell gene mutation assay |
| | Metabolic activation / Exposure time | with and without |
| | Method | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| Calcium oxide<br>1305-78-8 | Result | negative |
| | Type of study / Route of administration | bacterial reverse mutation assay (e.g Ames test) |
| | Metabolic activation / Exposure time | with and without |
| | Method | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | negative |
| | Type of study / Route of administration | bacterial reverse mutation assay (e.g Ames test) |
| | Metabolic activation / Exposure time | with |
| | Method | OECD Guideline 471 (Bacterial Reverse Mutation Assay) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | negative |
| | Type of study / Route of administration | mammalian cell gene mutation assay |
| | Metabolic activation / Exposure time | with and without |
| | Method | OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | negative |
| | Type of study / Route of administration | intraperitoneal |
| | Metabolic activation / Exposure time | |
| | Species | mouse |
| | Method | OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test) |

**Repeated dose toxicity:**

| | | |
|---|---|---|
| Graphite<br>7782-42-5 | Result | NOAEL=ca. 813 mg/kg |
| | Route of application | oral: feed |
| | Exposure time / Frequency of treatment | daily |
| | Species | rat |
| | Method | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| Calcium oxide<br>1305-78-8 | Result | NOAEL=1,000 mg/kg |
| | Route of application | oral: gavage |
| | Exposure time / Frequency of treatment | up to 48 consecutive daysdaily |
| | Species | rat |
| | Method | OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test) |
| White mineral oil (petroleum)<br>8042-47-5 | Result | NOAEL=>= 1,600 mg/kg |
| | Route of application | oral: feed |
| | Exposure time / Frequency of treatment | 90 ddaily |
| | Species | rat |
| | Method | OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents) |

## Section 12. Ecological information

**General ecological information:** Do not empty into drains / surface water / ground water.

**Ecotoxicity:**

**Toxicity:**

| | | |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO<br>64742-52-5 | Value type | LC50 |
| | Value | > 1,000 mg/l |
| | Acute Toxicity Study | Fish |
| | Exposure time | 96 h |
| | Species | Oncorhynchus mykiss |
| | Method | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO<br>64742-52-5 | Value type | EC50 |
| | Value | > 1,000 mg/l |
| | Acute Toxicity Study | Daphnia |
| | Exposure time | 48 h |
| | Species | Daphnia magna |
| | Method | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO<br>64742-52-5 | Value type | NOELR |
| | Value | 100 mg/l |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |
| | Species | Pseudokirchneriella subcapitata |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Graphite<br>7782-42-5 | Value type | LC50 |
| | Value | Toxicity > Water solubility |
| | Acute Toxicity Study | Fish |
| | Exposure time | 96 h |
| | Species | Danio rerio |
| | Method | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Graphite<br>7782-42-5 | Value type | EC50 |
| | Value | Toxicity > Water solubility |
| | Acute Toxicity Study | Daphnia |
| | Exposure time | 48 h |
| | Species | Daphnia magna |
| | Method | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |

| | | |
|---|---|---|
| Graphite<br>7782-42-5 | Value type | EC50 |
| | Value | Toxicity > Water solubility |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |
| | Species | Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata) |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| | Value type | NOEC |
| | Value | Toxicity > Water solubility |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |
| | Species | Raphidocelis subcapitata (new name: Pseudokirchneriella subcapitata) |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Graphite<br>7782-42-5 | Value type | EC50 |
| | Value | Toxicity > Water solubility |
| | Acute Toxicity Study | Bacteria |
| | Exposure time | 3 h |
| | Species | activated sludge of a predominantly domestic sewage |
| | Method | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| Calcium oxide<br>1305-78-8 | Value type | LC50 |
| | Value | 50.6 mg/l |
| | Acute Toxicity Study | Fish |
| | Exposure time | 96 h |
| | Species | Oncorhynchus mykiss |
| | Method | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| Calcium oxide<br>1305-78-8 | Value type | EC50 |
| | Value | 49.1 mg/l |
| | Acute Toxicity Study | Daphnia |
| | Exposure time | 48 h |
| | Species | Daphnia magna |
| | Method | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| Calcium oxide<br>1305-78-8 | Value type | EC50 |
| | Value | 184.57 mg/l |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |
| | Species | Pseudokirchneriella subcapitata |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| | Value type | NOEC |
| | Value | 48 mg/l |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |
| | Species | Pseudokirchneriella subcapitata |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| Calcium oxide<br>1305-78-8 | Value type | EC20 |
| | Value | 229.2 mg/l |
| | Acute Toxicity Study | Bacteria |
| | Exposure time | 3 h |
| | Species | activated sludge of a predominantly domestic sewage |
| | Method | OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test) |
| Aluminum<br>7429-90-5 | Value type | NOEC |
| | Value | > 100 mg/l |
| | Acute Toxicity Study | Fish |
| | Exposure time | 96 h |
| | Species | Salmo trutta |
| | Method | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| White mineral oil (petroleum)<br>8042-47-5 | Value type | LL50 |
| | Value | > 100 mg/l |
| | Acute Toxicity Study | Fish |
| | Exposure time | 96 h |
| | Species | Oncorhynchus mykiss |
| | Method | OECD Guideline 203 (Fish, Acute Toxicity Test) |
| White mineral oil (petroleum)<br>8042-47-5 | Value type | EL50 |
| | Value | > 100 mg/l |
| | Acute Toxicity Study | Daphnia |
| | Exposure time | 48 h |
| | Species | Daphnia magna |
| | Method | OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test) |
| White mineral oil (petroleum)<br>8042-47-5 | Value type | NOELR |
| | Value | 100 mg/l |
| | Acute Toxicity Study | Algae |
| | Exposure time | 72 h |

| | | |
|---|---|---|
| | Species | Pseudokirchneriella subcapitata |
| | Method | OECD Guideline 201 (Alga, Growth Inhibition Test) |
| White mineral oil (petroleum) 8042-47-5 | Value type | IC50 |
| | Value | > 100 mg/l |
| | Acute Toxicity Study | Bacteria |
| | Exposure time | 93 d |
| | Species | other: |
| | Method | other guideline: |

**Persistence and degradability:**

| | | |
|---|---|---|
| Distillates (petroleum), hydrotreated heavy naphthenic <3%DMSO 64742-52-5 | Result | not readily biodegradable. |
| | Route of application | aerobic |
| | Degradability | 6 % |
| | Method | OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test) |
| White mineral oil (petroleum) 8042-47-5 | Result | not readily biodegradable. |
| | Route of application | aerobic |
| | Degradability | 31.3 % |
| | Method | OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test) |

**Bioaccumulative potential / Mobility in soil:**

| | | |
|---|---|---|
| White mineral oil (petroleum) 8042-47-5 | LogPow | > 4 |
| | Temperature | |
| | Method | EU Method A.8 (Partition Coefficient) |

## Section 13. Disposal considerations

**Product**

**Method of disposal:** Dispose of in accordance with local and national regulations.

**Packaging**

**Disposal of uncleaned packages:** Packaging that cannot be cleaned are to be disposed of in the same manner as the product.

## Section 14. Transport information

**Road transport ADR:**
Not dangerous goods

**Railroad transport RID:**
Not dangerous goods

**Inland water transport ADN:**
Not dangerous goods

**Marine transport IMDG:**
Not dangerous goods

**Air transport IATA:**
Not dangerous goods

## Section 15. Regulatory information

**Regulatory Information:** This Safety Data Sheet has been generated based on

LAW ON CHEMICALS No. 69/2025/QH15, issued on June 14, 2025;

Decree No. 24/2026/NĐ-CP, issued on January 17, 2026, ON THE LISTS OF CHEMICALS GOVERNED BY THE LAW ON CHEMICALS;

Decree No. 25/2026/NĐ-CP, issued on January 17, 2026, DETAILED REGULATIONS AND MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF CERTAIN ARTICLES OF THE LAW ON CHEMICALS CONCERNING THE DEVELOPMENT OF THE CHEMICAL INDUSTRY AND CHEMICAL SAFETY AND SECURITY;

Decree No. 26/2026/NĐ-CP, issued on January 17, 2026, DETAILED REGULATIONS AND GUIDELINES FOR IMPLEMENTING CERTAIN ARTICLES OF THE LAW ON CHEMICALS REGARDING THE MANAGEMENT OF CHEMICAL ACTIVITIES AND HAZARDOUS CHEMICALS IN PRODUCTS AND GOODS;

Circular No. 01/2026/TT-BCT, issued on January 17, 2026, DETAILED REGULATIONS AND GUIDELINES FOR IMPLEMENTING CERTAIN ARTICLES OF THE LAW ON CHEMICALS AND GOVERNMENT DECREE NO. 26/2026/ND-CP DETAILING AND GUIDING THE IMPLEMENTATION OF CERTAIN ARTICLES OF THE LAW ON CHEMICALS REGARDING THE MANAGEMENT OF CHEMICAL ACTIVITIES AND HAZARDOUS CHEMICALS IN PRODUCTS AND GOODS;

Circular No. 02/2026/TT-BCT, issued on January 17, 2026, REGULATIONS ON SOME IMPLEMENTATION MEASURES OF THE LAW ON CHEMICALS AND GOVERNMENT DECREE NO. 25/2026/ND-CP DETAILING AND PROVIDING MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF SOME ARTICLES OF THE LAW ON CHEMICALS CONCERNING THE DEVELOPMENT OF THE CHEMICAL INDUSTRY AND CHEMICAL SAFETY AND SECURITY;

Decree No. 161/2024/ND-CP, issued on December 18, 2024, ON LIST OF DANGEROUS GOODS, TRANSPORT OF DANGEROUS GOODS AND PROCEDURES FOR ISSUANCE OF LICENSES OR CERTIFICATES OF COMPLETION OF TRAINING PROGRAMS FOR DRIVERS OR ESCORTS TRANSPORTING DANGEROUS GOODS BY ROAD;

Decree No. 34/2024/NĐ-CP, issued on March 31, 2024, ON LIST OF DANGEROUS GOODS, TRANSPORT OF DANGEROUS GOODS BY INLAND WATERCRAFT;

Decree No. 33/2024/NĐ-CP, issued on March 27, 2024, IMPLEMENTING THE CONVENTION ON THE PROHIBITION OF THE DEVELOPMENT, PRODUCTION, STOCKPILING AND USE OF CHEMICAL WEAPONS AND ON THEIR;

Decree No. 37/2026/NĐ-CP, issued on January 23, 2026, ELABORATING CERTAIN ARTICLES AND MEASURES FOR ORGANIZING AND GUIDING THE IMPLEMENTATION OF THE LAW ON PRODUCT AND GOODS QUALITY.

If other regulatory information applies that is not already provided or updated elsewhere in this Safety Data Sheet, then it is described in this subsection.

**Global inventory status:**

| Regulatory list | Notification |
|---|---|
| TCSI | yes |
| TSCA | yes |
| AIIC | yes |
| DSL | yes |
| ENCS (JP) | yes |
| ISHL (JP) | yes |
| KECI (KR) | yes |
| PICCS (PH) | yes |
| IECSC | yes |
| NZIOC | yes |

## Section 16. Other information

**Disclaimer:**

This Safety Data Sheet has been generated based on Law On Chemicals No. 69/2025/QH15; Decree No. 24/2026/NĐ-CP; Decree No. 25/2026/NĐ-CP; Decree No. 26/2026/NĐ-CP; Circular No. 01/2026/TT-BCT; Circular No. 02/2026/TT-BCT; Decree No. 161/2024/ND-CP; Decree No. 34/2024/NĐ-CP; Decree No. 33/2024/NĐ-CP, and Decree No. 37/2026/NĐ-CP.
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