

**Safety Data Sheet**  
according to HPR, Schedule 1

Printing date 01/08/2025

Reviewed on 01/08/2025

**1 Identification**

**- Product identifier**

- **Trade name:** Vibra-TITE® Anti-Seize
- **Synonyms:** 9070 Aluminum Anti-Seize Stick
- **Part number:** VTS9070
- **Application of the substance / the mixture** Lubricant

**- Details of the supplier of the safety data sheet**

- **Manufacturer/Supplier:**  
ND Industries, Inc  
1000 North Crooks Road  
Clawson, MI 48017  
USA  
Telephone: +1-248-288-0000  
Email: info@ndindustries.com  
Website: www.ndindustries.com
- **Information department:** Product Safety Department
- **Emergency telephone number:**  
United States: 1-800-424-9300  
International: +1-703-527-3887

**2 Hazard identification**

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonized System (GHS).
- **Label elements**
  - **GHS label elements** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void

**3 Composition/Information on ingredients**

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

**- Dangerous components:**

CAS: 8002-74-2	Paraffin wax Combustible Dusts - Category 1	10 – 30% w/w *
CAS: 8001-78-3	Castor oil Acute Toxicity (Oral) - Category 4, H302; Skin Irritation - Category 2, H315; Eye Irritation - Category 2A, H319; Specific Target Organ Toxicity - Single Exposure - Category 3, H335	1 – 5% w/w *
CAS: 106-14-9	loxiol g 21 Skin Irritation - Category 2, H315; Eye Irritation - Category 2A, H319; Specific Target Organ Toxicity - Single Exposure - Category 3, H335	0.5 – 1.5% w/w *

\* Actual concentration ranges are withheld as a trade secret.

**4 First-aid measures**

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

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## 5 Fire-fighting measures

- **Extinguishing media**
  - **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
  - **Protective equipment:**
    - Wear self-contained respiratory protective device.
    - Wear fully protective suit.

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation
  - Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

## 7 Handling and storage

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

## 8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
- **Control parameters**
  - **Components with limit values that require monitoring at the workplace:**
    - 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.

### CAS: 8002-74-2 Paraffin wax

EL (Canada)	TWA: 2 mg/m <sup>3</sup>
EV (Canada)	TWA: 2 mg/m <sup>3</sup> fume
REL (USA)	TWA: 2 mg/m <sup>3</sup>
TLV (USA)	TWA: 2 mg/m <sup>3</sup>

- **Additional information:** The lists that were valid during the creation were used as basis.

- **Exposure controls**
  - **Personal protective equipment:**
    - **General protective and hygienic measures:** The usual precautionary measures for handling chemicals should be followed.
    - **Protection of hands:**
      - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
      - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
      - **Material of gloves**
        - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
        - Nitrile rubber, NBR
      - **Penetration time of glove material**
        - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
    - **Eye protection:** Not required.
    - **Body protection:** Protective work clothing

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### 9 Physical and chemical properties

<b>- Information on basic physical and chemical properties</b>	
<b>- General Information</b>	
<b>- Appearance:</b>	
- Form:	Pasty
- Color:	Silver-colored
- Odor:	Mild
- Odor threshold:	Not determined.
- pH-value:	Not applicable.
<b>- Change in condition</b>	
- Melting point/Melting range:	Undetermined.
- Boiling point/Boiling range:	> 315 °C
- Flash point:	≥ 150 °C
- Flammability:	Not determined.
- Auto igniting:	> 300 °C
- Decomposition temperature:	Not determined.
- Ignition temperature:	Product is not selfigniting.
- Danger of explosion:	Product does not present an explosion hazard.
<b>- Explosion limits:</b>	
- Lower:	Not determined.
- Upper:	Not determined.
- Vapor pressure:	Not applicable.
- Density at 20 °C:	≥ 5.00196 – ≤ 5.04118 g/cm <sup>3</sup>
- Relative density	Not determined.
- Vapor density	Not applicable.
- Evaporation rate	Not applicable.
<b>- Solubility in / Miscibility with</b>	
- Water:	Soluble.
- Partition coefficient (n-octanol/water):	Not determined.
<b>- Viscosity:</b>	
- Dynamic:	Not applicable.
- Kinematic:	Not applicable.
<b>- Solvent content:</b>	
- VOC content:	0.00 %
- Solids content:	85.0 %
- Other information	No further relevant information available.

### 10 Stability and reactivity

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

### 11 Toxicological information

- **Information on toxicological effects**
  - **Acute toxicity:**

<b>- LD/LC50 values that are relevant for classification:</b>		
<b>ATE (Acute Toxicity Estimate)</b>		
Oral	LD50	71,429 mg/kg (rat)

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<b>CAS: 8001-78-3 Castor oil</b>					
Oral	LD50 2,000 mg/kg (rat)				
<b>CAS: 106-14-9 Ioxiol g 21</b>					
Oral	LD50 10,000 mg/kg (rat)				
<ul style="list-style-type: none"> <li>- <b>Primary irritant effect:</b> <ul style="list-style-type: none"> <li>- <b>on the skin:</b> No irritant effect.</li> <li>- <b>on the eye:</b> No irritating effect.</li> </ul> </li> <li>- <b>Sensitization:</b> No sensitizing effects known.</li> <li>- <b>Additional toxicological information:</b> The product is not subject to classification according to internally approved calculation methods for preparations: When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.</li> <li>- <b>Carcinogenic categories</b> <ul style="list-style-type: none"> <li>- <b>IARC (International Agency for Research on Cancer)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">CAS: 14808-60-7 Crystalline Silica</td> <td style="width: 20%; text-align: center;">1</td> </tr> </table> </li> <li>- <b>NTP (National Toxicology Program)</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">CAS: 14808-60-7 Crystalline Silica</td> <td style="width: 20%; text-align: center;">K</td> </tr> </table> </li> </ul> </li> </ul>		CAS: 14808-60-7 Crystalline Silica	1	CAS: 14808-60-7 Crystalline Silica	K
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## 12 Ecological information

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

## 13 Disposal considerations

- **Waste treatment methods**
  - **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.
  - **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14 Transport information

- <b>UN-Number</b>	
- <b>DOT/TDG, ADR, IMDG, IATA</b>	not regulated
- <b>UN proper shipping name</b>	
- <b>DOT/TDG, ADR, IMDG, IATA</b>	not regulated
- <b>Transport hazard class(es)</b>	
- <b>DOT/TDG, ADR, ADN, IMDG, IATA</b>	
- <b>Class</b>	not regulated
- <b>Packing group</b>	
- <b>DOT/TDG, ADR, IMDG, IATA</b>	not regulated
- <b>Environmental hazards:</b>	Not applicable.
- <b>Special precautions for user</b>	Not applicable.
- <b>Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.

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- UN "Model Regulation": not regulated

## 15 Regulatory information

### - Safety, health and environmental regulations/legislation specific for the substance or mixture

No further relevant information available.

#### - Sara

#### - Section 355 (extremely hazardous substances):

None of the ingredients is listed.

#### - Section 313 (Specific toxic chemical listings):

CAS: 7429-90-5 aluminium powder (stabilized)

#### - TSCA (Toxic Substances Control Act):

Paraffin wax	ACTIVE
Castor oil	ACTIVE
loxiol g 21	ACTIVE
aluminium powder (stabilized)	ACTIVE
sebacic acid	ACTIVE
molybdenum disulphide	ACTIVE
Crystalline Silica	ACTIVE

#### - Canadian substance listings:

#### - Canadian Domestic Substances List (DSL)

CAS: 8002-74-2	Paraffin wax
CAS: 64742-65-0	Distillates (petroleum), solvent-dewaxed heavy paraffinic
CAS: 8001-78-3	Castor oil
CAS: 106-14-9	loxiol g 21
CAS: 111-20-6	sebacic acid
CAS: 1317-33-5	molybdenum disulphide
CAS: 14808-60-7	Crystalline Silica

#### - Canadian Non-Domestic Substances List (NDSL)

None of the ingredients is listed.

#### - Canadian Ingredient Disclosure list (limit 0.1%)

None of the ingredients is listed.

#### - Canadian Ingredient Disclosure list (limit 1%)

None of the ingredients is listed.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## 16 Other information

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

- **Department issuing SDS:** ND Industries, Inc. - Safety, Health and Environmental Affaires

- **Contact:** Safety, Health and Environmental Affaires

### - Classification System:

#### - HMIS-ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

#### - NFPA ratings (scale 0 - 4)

HEALTH	0	Health = 0
FIRE	1	Fire = 1
REACTIVITY	0	Reactivity = 0

- **Date of the latest revision of the safety data sheet** 01/08/2025 / 1

### - Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 EINECS: European Inventory of Existing Commercial Chemical Substances  
 ELINCS: European List of Notified Chemical Substances  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 VOC: Volatile Organic Compounds (USA, EU)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent

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PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative

**- Disclaimer**

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