



# Safety Data Sheet

according to HPR, Schedule 1

Printing date 01/08/2025

Reviewed on 01/08/2025

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# 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	s components.	
CAS: 8002-74-2	Paraffin wax	10 – 30% w/w *
	Combustible Dusts - Category 1	-
CAS: 8001-78-3	Castor oil	1 – 5% w/w *
	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	
CAS: 106-14-9	loxiol g 21	0.5 – 1.5% w/w *
	Skin Irritation - Category 2, H315; Eye Irritation - Category 2A, H319; Specific Target Organ Toxicity - Single Exposure - Category 3, H335	
* Actual cond	centration 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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Information on boois abrais-ll	annia d'ano antica		
Information on basic physical and ch - General Information	iemical properties		
- Appearance: - Form:	Deet/		
- Color:	Pasty Silver-colored		
- Odor:	Mild		
- Odor threshold:	Not determined.		
- pH-value:	Not applicable.		
- Change in condition			
- 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.		
- Explosion limits:			
- Lower:	Not determined.		
- Upper:	Not determined.		
- Vapor pressure:	Not applicable.		
- Density at 20 °C:	≥ 5.00196 – ≤ 5.04118 g/cm³		
<ul> <li>Relative density</li> </ul>	Not determined.		
- Vapor density	Not applicable.		
- Evaporation rate	Not applicable.		
<ul> <li>Solubility in / Miscibility with</li> </ul>			
- Water:	Soluble.		
- Partition coefficient (n-octanol/water): Not determined.			
- Viscosity:			
- Dynamic:	Not applicable.		
- Kinematic:	Not applicable.		
- Solvent content:			
- 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:

- LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate) Oral LD50 71,429 mg/kg (rat)

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<ul> <li>Aquatic toxicity: No further relevant information available.</li> <li>Persistence and degradability No further relevant information available.</li> <li>Behavior in environmental systems:         <ul> <li>Bioaccumulative potential No further relevant information available.</li> <li>Mobility in soil No further relevant information available.</li> </ul> </li> <li>Additional ecological information:         <ul> <li>General notes:</li> <li>Water hazard class 1 (Self-assessment): slightly hazardous for water Do not allow unditude product or large quantities of it to reach ground water, water course or sewage system.</li> </ul> </li> <li>PBT: Not applicable.</li> <li>PVB: Not applicable.</li> <li>PVD: Not applicable.</li> <li>PDT/TDE, ADR, IMDE, IATA</li> <li>Not regulated</li> <li>DUT/TDE, ADR, IMDE, IATA</li> <li>Not regulated</li> <li>POT/TDE, ADR, IMDE, IATA</li> <li>Not regulated</li> <li>Packing group         <ul> <li>DOT/TDE, ADR, IMDE, IATA</li> <li>Class</li> <li>Not regulated</li> </ul> </li> <li>Packing group         <ul> <li>DOT/TDE, ADR, IMDE, IATA</li> <li>Not regulated</li> </ul> </li> </ul>	Toxicity	
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• vPvB: Not applicable.         Other adverse effects No further relevant information available.         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.         Transport information         UN-Number - DOT/TDG, ADR, IMDG, IATA - Class not regulated         Packing group - DOT/TDG, ADR, IMDG, IATA not regulated Packing group - DOT/TDG, ADR, IMDG, IATA not regulated Packing group - DOT/TDG, ADR, IMDG, IATA Not applicable.         Special precautions for user       Not applicable.		
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Uncleaned packagings:       - Recommendation: Disposal must be made according to official regulations.       - Recommended cleansing agent: Water, if necessary with cleansing agents.         Transport information       IVN-Number       - DOT/TDG, ADR, IMDG, IATA         ODT/TDG, ADR, IMDG, IATA       not regulated         UN proper shipping name       - DOT/TDG, ADR, IMDG, IATA         - DOT/TDG, ADR, IMDG, IATA       not regulated         Transport hazard class(es)       - Class         - DOT/TDG, ADR, ADN, IMDG, IATA       not regulated         Packing group       - Dot/TDG, ADR, IMDG, IATA         - DOT/TDG, ADR, IMDG, IATA       Not regulated         Facking group       - Not regulated         Environmental hazards:       Not applicable.         Special precautions for user       Not applicable.	Waste treatment methods	
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UN-Number - DOT/TDG, ADR, IMDG, IATA       not regulated         UN proper shipping name - DOT/TDG, ADR, IMDG, IATA       not regulated         Transport hazard class(es) - DOT/TDG, ADR, ADN, IMDG, IATA - Class       not regulated         Packing group - DOT/TDG, ADR, IMDG, IATA       not regulated         Packing group - DOT/TDG, ADR, IMDG, IATA       not regulated         Special precautions for user       Not applicable.		
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- DOT/TDG, ADR, IMDG, IATA       not regulated         Transport hazard class(es)       -         - DOT/TDG, ADR, ADN, IMDG, IATA       not regulated         Packing group       -         - DOT/TDG, ADR, IMDG, IATA       not regulated         Packing group       -         - DOT/TDG, ADR, IMDG, IATA       Not regulated         Environmental hazards:       Not applicable.         Special precautions for user       Not applicable.		
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- DOT/TDG, ADR, ADN, IMDG, IATA     not regulated       - Class     not regulated       Packing group     - DOT/TDG, ADR, IMDG, IATA       - DOT/TDG, ADR, IMDG, IATA     not regulated       Environmental hazards:     Not applicable.       Special precautions for user     Not applicable.	Transport hazard class(es)	
- Class     not regulated       Packing group - DOT/TDG, ADR, IMDG, IATA     not regulated       Environmental hazards:     Not applicable.       Special precautions for user     Not applicable.		
Packing group - DOT/TDG, ADR, IMDG, IATA     not regulated       Environmental hazards:     Not applicable.       Special precautions for user     Not applicable.		not regulated
- DOT/TDG, ADR, IMDG, IATA     not regulated       Environmental hazards:     Not applicable.       Special precautions for user     Not applicable.		horrogulatou
Environmental hazards:       Not applicable.         Special precautions for user       Not applicable.		not regulated
Special precautions for user Not applicable.		
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Transport in bulk according to Annex II of MARPOL73/78	Special precautions for user	•
and the IBC Code Not applicable. (Contd. on page	Special precautions for user Transport in bulk according to Annex II of M	MARPOL73/78

# Safety Data Sheet according to HPR, Schedule 1

Printing date 01/08/2025

Trade name: Vibra-TITE® Anti-Seize

Reviewed on 01/08/2025

			(Contd. of page
UN "Model Reg	gulation":	not regulated	
Regulatory in	nformation		
	and environmental regulation nt information available.	ons/legislation specific for the substance or m	ixture
- Sect	tion 355 (extremely hazardo	us substances):	
None of the ingre	dients is listed.		
- Sect	tion 313 (Specific toxic chem	nical listings):	
	aluminium powder (stabilized)		
I	Toxic Substances Control A	ct):	
Paraffin wax	Toxic Substances Control A	cų.	ACTIV
Castor oil			ACTIV
loxiol g 21			ACTIV
aluminium powde	er (stabilized)		ACTIV
sebacic acid			ACTIV
molybdenum disu	Ilphide		ACTIV
Crystalline Silica	•		ACTIV
- Canadia	an substance listings:		
	adian Domestic Substances	List (DSL)	
	Paraffin wax		
	Distillates (petroleum), solvent-o	lewaxed heavy paraffinic	
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		
- Cana	adian Non-Domestic Substa	nces List (NDSL)	
None of the ingre			
- Cana	adian Ingredient Disclosure	list (limit 0.1%)	
None of the ingre	÷		
	adian Ingredient Disclosure	list (limit 1%)	
None of the ingre	-		
•		afety Assessment has not been carried out.	
		alety Assessment has not been carried out.	
6 Other inform			
	s based on our present knowledg n a legally valid contractual relatio	<ul> <li>e. However, this shall not constitute a guarantee for any inship.</li> </ul>	specific product features and
- Contact: Safety - Classification	, Health and Environmental Affair	- Safety, Health and Environmental Affaires es	
FIRE 1	Health = 0 Fire = 1 Reactivity = 0		
- NFPA rating	gs (scale 0 - 4)		



- Date of the latest revision of the safety data sheet 01/08/2025 / 1 Date of the latest revision of the safety data sneet
 Abbreviations and acronyms: IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European List of Notified 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

# Safety Data Sheet according to HPR, Schedule 1

Printing date 01/08/2025

#### Trade name: Vibra-TITE® Anti-Seize

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

#### - Disclaimer

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Reviewed on 01/08/2025