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1. Identification of the Substance/Mixture and of the Company/Undertaking	1.1 Product Identifier Material Name: Apiezon N Grease. 1.2 Relevant identified uses of the substance or mixture and uses advised against Product use: Grease for high vacuum and cryogenic applications. Uses advised against: None. 1.3 Details of the supplier of the substance or mixture Company: 1251 Frontenac Rd Ste 150 Naperville IL 60563 Telephone: 331-281-0154 Emergency Telephone: 800-255-3924 (Chemtel) Email: support@shopbv.com
2. Hazards Identification	This product is not classified as hazardous and this document has been compiled for information purposes, in accordance regulation 1907/EC/2006, Annex II, as amended by Regulation (EU) No. 453/2010 and OSHA hazard communication guidelines. 2.1 Classification of the substance or mixture Regulation (EC) No 1272/2008 (CLP): Not classified. 2.2 Label elements Regulation (EC) No 1272/2008 (CLP): No symbol or signal word. 2.3 Other hazards None.
3. Composition/Information on Ingredients	3 Substance CAS No.: 8009-03-8. All constituents are listed on the TSCA inventory.
4. First Aid Measures	4.1 Description of first aid measures Inhalation: None envisaged due to the low vapour pressure of the substance. Skin: Wash with soap and water. Eyes: Irrigate with copious amounts of water. Ingestion: Do not induce vomiting, obtain medical attention. 4.2 Most important symptoms and effects, both acute and delayed No adverse effects expected. 4.3 Indication of any immediate medical attention and special treatment needed No special treatment required.
5. Fire Fighting Measures	5.1 Extinguishing media Carbon dioxide, dry powder, foam or water fog. Do not use water jets. 5.2 Special hazards arising from the substance or mixture None.

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	5.3 Advice for fire fighters No special precautions are required.
6. Accidental Release Measures	6.1 Personal precautions, protective equipment and emergency procedures Spilt product constitutes a slip hazard. Avoid contact with eyes. 6.2 Environmental precautions No special precautions required. 6.3 Methods and material for containment and cleaning up Can be wiped from surfaces and residues cleaned with water and detergent.
7. Handling and Storage	7.1 Precautions for safe handling No special precautions required. 7.2 Conditions for safe storage, including any incompatibilities No special precautions required. 7.3 Specific end use(s) No special precautions required.
8. Exposure Controls/Personal Protection	8.1 Control parameters No relevant control parameters. 8.2 Exposure controls The level of controls depends on the use. In most cases very small quantities of material are used. Eye washes should be available for emergency use. Respiratory protection: None required. Hand protection: Wash hands after use. For prolonged or repeated skin contact gloves are recommended. Eye protection: None required.
9. Physical and Chemical Properties	9.1 Information on basic physical and chemical properties Appearance: Semi-solid yellow/brown grease. Odour: None. pH: Not applicable. Melting point: 42 to 52°C. Initial boiling point and boiling range: >450°C. Flash point: >200°C. Flammability (solid, gas): Data not available. Upper/lower flammability or explosive limits: Data not available. Vapour pressure: 6×10^{-10} Torr at 20°C. Vapour density: Not applicable. Relative density: 0.911 at 20°C. Water solubility: Insoluble. Solubility: Soluble in aromatic hydrocarbon solvents. Partition coefficient: n-octanol/water: Data not available. Auto-ignition temperature: >250°C. Decomposition temperature: Data not available.



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10. Stability and Reactivity

Viscosity: Not applicable.
Explosive properties: Data not available. **Oxidising properties:** Data not available.

9.2 Other information

Not applicable.

10.1 Reactivity

Stable under normal conditions of use.

10.2 Chemical stability

Stable under normal conditions of use.

10.3 Possibility of hazardous reactions

Data not available.

10.4 Conditions to avoid

Temperatures >120°C.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition

products None.

11. Toxicological Information

11.1 Information on toxicological effects

Likely routes of exposure: Skin and eyes are the most likely routes for exposure. Accidental ingestion may occur. Inhalation is not expected to be a relevant route of exposure.

Acute oral toxicity: Low toxicity: LD50 >2000mg/kg.

Acute dermal toxicity: Expected to be of low toxicity: LD50 >2000mg/kg.

Acute inhalation toxicity: Low volatility makes inhalation unlikely.

Skin corrosion/irritation: Repeated and prolonged skin contact may cause dry skin or irritation.

Eye corrosion/irritation: May cause transient irritation.

Respiratory or skin sensitization: Not expected to be a skin sensitizer.

Aspiration hazard: Not considered an aspiration hazard.

Carcinogenicity/mutagenicity: Not considered a mutagenic hazard or carcinogen.

Note N: The classification as a carcinogen need not apply if the full refining history is known and it can be shown that the substance from which it is produced is not a carcinogen.

All constituents are listed on the TSCA inventory.

12. Ecological Information

When used and/or disposed of as indicated no adverse environmental effects are foreseen. Ecotoxicological effects based on knowledge of similar substances. **12.1 Toxicity**

Expected to be practically non-toxic.



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	<p>12.2 Persistence and degradability Inherently biodegradable.</p> <p>12.3 Bioaccumulative potential Has the potential to bioaccumulate.</p> <p>12.4 Mobility in soil Product has low mobility in soil.</p> <p>12.5 Results of PBT and vPvB assessment The product does not meet criteria for toxicity which requires further assessment. It is not considered PBT or vPvB.</p> <p>12.6 Other adverse effects No other adverse effects envisaged.</p>
13. Disposal Considerations	<p>13.1 Waste treatment methods Product and packaging must be disposed of in accordance with local and national regulations. May be incinerated. Unused product may be returned for reclamation.</p>
14. Transport Information	<p>Not classified as hazardous under air (ICAO/IATA), sea (IMDG), road (ADR) or rail (RID) regulations.</p> <p>14.1 UN number Not relevant.</p> <p>14.2 UN proper shipping name Not relevant.</p> <p>14.3 Transport hazard class Not relevant.</p> <p>14.4 Packing group Not relevant.</p> <p>14.5 Environmental hazards Not relevant.</p> <p>14.6 Special precautions for user Not relevant.</p>
15. Regulatory Information	<p>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Product is not subject to Authorization under REACH. All constituent substances in this product are listed in the TSCA inventory.</p> <p>15.2 Chemical safety assessment A chemical safety assessment has been performed for this substance.</p>



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16. Other Information

Compiled according to regulation 1907/EC/2006 Annex II, as amended by Regulation (EU) No.453/2010 and OSHA hazard communication guidelines.

16.1 Changes from last issue:

Additional regulatory information to comply with OSHA guidelines.

The information provided in this Safety Data Sheet is correct to our best knowledge, information and belief at the date of its publication. It is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.