

SAFETY DATA SHEET

Velo Grease

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation

Product name : Velo Grease

Product type : Solid.

Use of the substance/preparation : Bicycle lubricant.

Supplier/Manufacturer : Pedro's Incorporated
600 Research Drive
Wilmington, Massachusetts 01887

e-mail address of person responsible for this SDS : msds@pedros.com

Emergency telephone number (with hours of operation) : CHEMTREC International: (703) 527-3887
24/7

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation : Preparation

Ingredient name	CAS number	%	EC number	Classification
Europe/Luxembourg Antimony compounds See section 16 for the full text of the R-phrases declared above	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53 [1] [2]
Denmark Antimony compounds See section 16 for the full text of the R-phrases declared above	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53 [1] [2]
Norway Antimony compounds See section 16 for the full text of the R-phrases declared above	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53 [1] [2]
France Antimony compounds See section 16 for the full text of the R-phrases declared above	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53 [1] [2]
Netherlands Antimony compounds See section 16 for the full text of the R-phrases declared above	15874-48-3	0.25-2.5	240-001-5	Xn; R20/22 N; R51/53 [1] [2]
Finland Antimony compounds	15874-48-3	0.25-2.5	240-001-5	Xn; R20/22 N; R51/53 [1] [2]

3. COMPOSITION/INFORMATION ON INGREDIENTS

<p>See section 16 for the full text of the R-phrases declared above</p> <p>United Kingdom (UK)</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Austria</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Belgium</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Spain</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Czech Republic</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Poland</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Slovenia</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Greece</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]
<p>See section 16 for the full text of the R-phrases declared above</p> <p>Portugal</p> <p>Antimony compounds</p>	15874-48-3	0.1 - 1	240-001-5	Xn; R20/22 N; R51/53	[1] [2]

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in section 8.

4. FIRST AID MEASURES

- Eye contact** : Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water. Obtain medical attention if symptoms occur.
- Skin contact** : Wash with soap and water. Obtain medical attention if symptoms occur.
- Inhalation** : If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Notes to physician** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : Use an extinguishing agent suitable for the surrounding fire.
- Not suitable** : None known.
- Special exposure hazards** : No specific fire or explosion hazard.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
sulfur oxides
phosphorus oxides
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see section 8).
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
- Methods for cleaning up**
- Small spill** : Move containers from spill area. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

- Handling** : Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not ingest. Avoid contact with eyes, skin and clothing. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

7. HANDLING AND STORAGE

- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.
- Packaging materials**
- Recommended** : Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

Ingredient name	Occupational exposure limits
Europe/Luxembourg Antimony compounds	ACGIH TLV (United States, 1/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Sweden No exposure limit value known.	
Denmark Antimony compounds	Arbejdstilsynet (Denmark, 8/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Norway Antimony compounds	Arbejdstilsynet (Norway, 6/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
France Antimony compounds	INRS (France, 6/2006). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Netherlands Antimony compounds	Nationale MAC-lijst (Netherlands, 10/2007). MAC-TGG, 8 uur: 0.5 mg/m ³ , (Sb) 8 hour(s).
Germany No exposure limit value known.	
Finland Antimony compounds	Työterveyslaitos, Sosiaali- ja terveysministeriö (Finland, 8/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
United Kingdom (UK) Antimony compounds	EH40/2005 WELs (United Kingdom (UK), 8/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Austria Antimony compounds	GKV_MAK (Austria, 9/2007). STEL: 1.5 mg/m ³ , (Sb), 4 times per shift, 15 minute(s). Form: Inhalable fraction. TWA: 0.5 mg/m ³ , (Sb) 8 hour(s). Form: Inhalable fraction.
Switzerland No exposure limit value known.	
Belgium Antimony compounds	Lijst Grenswaarden / Valeurs Limites (Belgium, 6/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Spain Antimony compounds	INSHT (Spain, 1/2007). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).
Czech Republic Antimony compounds	178/2001 (Czech Republic, 6/2004). STEL: 1.5 mg/m ³ , (Sb) 10 minute(s). TWA: 0.5 mg/m ³ , (Sb) 8 hour(s).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Italy

No exposure limit value known.

Estonia

No exposure limit value known.

Poland

Antimony compounds

Ministra Pracy I Polityki Społecznej (Poland, 9/2007).

TWA: 0.5 mg/m³, (Sb) 8 hour(s).

Slovenia

Antimony compounds

Uradni list Republike Slovenije (Slovenia, 6/2007).

TWA: 0.5 mg/m³ 8 hour(s). Form: Inhalable fraction.

Latvia

No exposure limit value known.

Greece

Antimony compounds

PD 90/1999 (Greece, 8/2007).

TWA: 0.5 mg/m³, (Sb) 8 hour(s).

Portugal

Antimony compounds

Instituto Português da Qualidade (Portugal, 3/2007).

TWA: 0.5 mg/m³, (Sb) 8 hour(s).

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Exposure controls

Occupational exposure controls : No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants. If this product contains ingredients with exposure limits, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.

Respiratory protection : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.

Skin protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.



Hygiene measures : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

Appearance

- Physical state** : Solid. [Semi-solid (grease).]
Colour : Amber.
Odour : Vanilla.

10. STABILITY AND REACTIVITY

- Stability** : The product is stable. Under normal conditions of storage and use, hazardous polymerisation will not occur.
- Conditions to avoid** : No specific data.
- Materials to avoid** : Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Potential chronic health effects

Reproductive toxicity

Product name	List name	Classification
Norway Antimony compounds	Norway Occupational Exposure Limits	Carc. K
France Antimony compounds	France Occupational Exposure Limits	Carc. C1, Carc. C2, Carc. C3

- Chronic effects** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

Over-exposure signs/symptoms

- Inhalation** : No specific data.
- Ingestion** : No specific data.
- Skin** : No specific data.
- Eyes** : No specific data.

12. ECOLOGICAL INFORMATION

- Environmental effects** : No known significant effects or critical hazards.
- Other adverse effects** : No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS





- Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

- Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.
- Norway - Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste as defined by SFT's Directive on special waste.

14. TRANSPORT INFORMATION

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
ADR/RID Class	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Antimony compounds)	9	III		-
ADNR Class	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Antimony compounds)	9	III		-
IMDG Class	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Antimony compounds)	9	III		-
IATA Class	UN3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Antimony compounds)	9	III		-

PG* : Packing group

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

- Risk phrases** : This product is not classified according to EU legislation.
- Product use** : Consumer applications, Industrial applications.
- Europe inventory** : **Europe inventory:** All components are listed or exempted.

Other EU regulations

Additional warning phrases : Safety data sheet available for professional user on request.

National regulations

Denmark

- Risk phrases** : Not classified.
- Additional warning phrases** : Safety data sheet available for professional user on request.

Norway

- Risk phrases** : Not classified.
- Carcinogenic class** : Not classified.

France

Social Security Code, Articles L 461-1 to L 461-7 : Antimony compounds 73

Reinforced medical surveillance : Act of July 11, 1977 determining the list of activities which require reinforced medical surveillance: not applicable

Germany

15. REGULATORY INFORMATION

Hazard class for water	: 2 Appendix No. 4
Technical instruction on air quality control	: TA-Luft Number 5.2.1: 0.5-1.5%
Austria	
Limitation of the use of organic solvents	: Permitted.
Switzerland	
Poison class	: Not regulated
BAG T	: 619000
VOC content	: Liberated.
Italy	
Emission control directive	: 100% Not classified.

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Europe / Luxembourg	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Europe / Luxembourg	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Denmark	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Denmark	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Norway	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Norway	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - France	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - France	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Netherlands	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Netherlands	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Finland	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Finland	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - United Kingdom (UK)	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - United Kingdom (UK)	: Xn - Harmful N - Dangerous for the environment

16. OTHER INFORMATION

Full text of R-phrases referred to in sections 2 and 3 - Austria	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Austria	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Belgium	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Belgium	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Spain	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Spain	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Czech Republic	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Czech Republic	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Poland	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Poland	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Slovenia	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Slovenia	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Greece	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Greece	: Xn - Harmful N - Dangerous for the environment
Full text of R-phrases referred to in sections 2 and 3 - Portugal	: R20/22- Harmful by inhalation and if swallowed. R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Full text of classifications referred to in sections 2 and 3 - Portugal	: Xn - Harmful N - Dangerous for the environment
History	
Date of issue	: 06/30/2008
Date of previous issue	: 2004
Version	: 2

16. OTHER INFORMATION

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.