

Safety Data Sheet



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name	• SNO Universal Gun Grease
Synonyms	• SNO Lubricating Grease
Product Code	• 40115; 40125; GGG; GGG-48

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s)	• Excellent lubrication of firearm metal parts
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1.3 Details of the supplier of the safety data sheet

Manufacturer	• Birchwood Casey, LLC 7887 Fuller Road, Suite 100 Eden Prairie, MN 55344 United States www.birchwoodcasey.com Customerservice@birchwoodcasey.com
Telephone (General)	• 952-388-6717

1.4 Emergency telephone number

Manufacturer	• 1-800-424-9300 - CHEMTREC
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Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

CLP	• Not classified
DSD/DPD	• Not classified

2.2 Label Elements

CLP	Hazard statements • No label element(s) required
DSD/DPD	Risk phrases • No label element(s) required

2.3 Other Hazards

CLP	• According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
DSD/DPD	• This product is not considered dangerous under the European Directive 67/548/EEC

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixtureOSHA HCS 2012

- Not classified

2.2 Label elementsOSHA HCS 2012
Hazard statements

- No label element(s) required

2.3 Other hazardsOSHA HCS 2012

- This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Canada

According to: WHMIS

2.1 Classification of the substance or mixtureWHMIS

- Not classified

2.2 Label elementsWHMIS

- No label element(s) required

2.3 Other hazardsWHMIS

- In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients**3.1 Substances**

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Petrolatum	CAS:8009-03-8 EC Number:232-373-2	100%	NDA	EU DSD/DPD: EU CLP, Annex VI, Table 3.2: Carc.Cat.2, R45 EU CLP: Annex VI: Carc. 1B, H350 OSHA HCS 2012: Data lacking	NDA

3.2 Mixtures

- Material does not meet the criteria of a mixture in accordance with Regulation (EC) No 1272/2008.

Section 4 - First Aid Measures**4.1 Description of first aid measures****Inhalation**

- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical

attention.

- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. If irritation develops and persists, get medical attention.
- Eye**
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media ● Foam, dry chemical, carbon dioxide or any Class B extinguishing agent.

Unsuitable Extinguishing Media ● Water may be unsuitable as an extinguishing medium, but helpful in keeping adjacent containers cool.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards ● Containers may explode when heated. Some may burn but none ignite readily.

Hazardous Combustion Products ● No data available.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions ● Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE)

Emergency Procedures ● Keep unauthorized personnel away. Stay upwind.

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures ● Stop leak if you can do it without risk. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling ● Use appropriate Personal Protective Equipment (PPE) Use good safety and industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

- Storage**
- Do not store where temperature may exceed 120°F. Keep container/package tightly closed in a cool, well-ventilated place.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

- Exposure Limits/Guidelines**
- No applicable exposure limits available for product or components.

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety glasses.

Skin/Body

- Wear appropriate gloves.

Environmental Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Section 9 - Physical and Chemical Properties

9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	White opaque semi-solid with negligible odor.
Color	White	Odor	Odorless
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	= 0.86	Water Solubility	Insoluble
Viscosity	Data lacking	Explosive Properties	Not Explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
Flammability			
Flash Point	400 F(204.4444 C) OC (Open Cup)	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not Flammable.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid high temperatures (>120°F) and ignition sources.

10.5 Incompatible materials

- Strong oxidizers.

10.6 Hazardous decomposition products

- Thermal decomposition may produce carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

Route(s) of entry/exposure ● Inhalation, Skin, Eye, Ingestion

Potential Health Effects

Inhalation

- Acute (Immediate)** ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** ● No data available.

Skin

- Acute (Immediate)** ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** ● No data available.

Eye

- Acute (Immediate)** ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** ● No data available.

Ingestion

- Acute (Immediate)** ● Under normal conditions of use, no health effects are expected.
- Chronic (Delayed)** ● No data available.

Section 12 - Ecological Information

12.1 Toxicity

- Material data lacking.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not regulated	NDA	NDA	NDA
TDG	NDA	Not regulated	NDA	NDA	NDA
IMO/IMDG	NDA	Not regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not regulated	NDA	NDA	NDA

14.6 Special precautions for user • None known.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • Not relevant.

Section 15 - Regulatory Information

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

SARA Hazard Classifications • None

State Right To Know				
Component	CAS	MA	NJ	PA
Petrolatum	8009-03-8	No	No	No

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Petrolatum	8009-03-8	Yes	No	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Petrolatum	8009-03-8	Uncontrolled product according to WHMIS classification criteria
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Canada - WHMIS - Ingredient Disclosure List

• Petrolatum	8009-03-8	Not Listed
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Environment

Canada - 2004 NPRI (National Pollutant Release Inventory)

• Petrolatum	8009-03-8	Not Listed
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Canada - 2005 NPRI (National Pollutant Release Inventory)

• Petrolatum	8009-03-8	Not Listed
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Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

• Petrolatum	8009-03-8	Not Listed
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Canada - CEPA - Priority Substances List

• Petrolatum	8009-03-8	Not Listed
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Canada - DWQ (Drinking Water Quality) - IMACs

• Petrolatum	8009-03-8	Not Listed
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Other**Canada - Accelerated Reduction/Elimination of Toxics (ARET)**

• Petrolatum	8009-03-8	Not Listed
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Canada New Brunswick**Environment****Canada - New Brunswick - Ozone Depleting Substances - Schedule A**

• Petrolatum	8009-03-8	Not Listed
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Canada - New Brunswick - Ozone Depleting Substances - Schedule B

• Petrolatum	8009-03-8	Not Listed
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Europe**Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Petrolatum	8009-03-8	Carc.Cat.2; R45
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits

• Petrolatum	8009-03-8	Not Listed
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling

• Petrolatum	8009-03-8	T R:45 S:53-45
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations

• Petrolatum	8009-03-8	N
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EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Petrolatum	8009-03-8	S:53-45
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Mexico**Other****Mexico - Hazard Classifications**

• Petrolatum	8009-03-8	Not Listed
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Mexico - Regulated Substances

• Petrolatum	8009-03-8	Not Listed
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United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

• Petrolatum	8009-03-8	Not Listed
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U.S. - OSHA - Specifically Regulated Chemicals

• Petrolatum	8009-03-8	Not Listed
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Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Petrolatum	8009-03-8	Not Listed
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U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Petrolatum	8009-03-8	Not Listed
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United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Petrolatum	8009-03-8	Not Listed
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U.S. - California - Proposition 65 - Developmental Toxicity

• Petrolatum	8009-03-8	Not Listed
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U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Petrolatum	8009-03-8	Not Listed
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U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Petrolatum	8009-03-8	Not Listed
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U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Petrolatum	8009-03-8	Not Listed
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Petrolatum	8009-03-8	Not Listed
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United States - Pennsylvania**Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

• Petrolatum	8009-03-8	Not Listed
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U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Petrolatum	8009-03-8	Not Listed
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15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

Section 16 - Other Information**Relevant Phrases (code & full text)**

- H350 - May cause cancer.
- R45 - May cause cancer.
- 05/March/2015
- 05/March/2015
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Last Revision Date

Preparation Date

Disclaimer/Statement of Liability

Key to abbreviations

NDA = No data available
