



SAFETY DATA SHEET

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PRODUCT RELATED HEALTH DATA SHEET

1. IDENTIFICATION of the SUBSTANCE/MIXTURE and of the COMPANY

1.1 Product identifier

Product Name : Rocol Sapphire Premier Grease
Product Code : Part No. 502376
Product Description : Lubricating Grease.
SDS # : SDS-40 REVISION #: 3.0.2
CHEMICAL FORMULA: Mixture.
CAS NUMBER : Not Applicable.
Article Code : Not Applicable.
GENERAL USE : A Lubricating Grease that is used as a spray gun and paint mixing equipment lube.
DATE REVISED: 12/16/2018 **DATE PREPARED**: 09/21/2015

1.2 Relevant identified uses of the substance or mixture and uses advised against
Not applicable.

1.3 Details of the supplier of the safety data sheet

Carlisle Fluid Technologies, Inc.

16430 North Scottsdale Road

Scottsdale, AZ 85254

Technical service number 1-888-992-4657

Technical service Europe Tel: +44 (0)1202 571 111

Emergency telephone number

Emergency Number - INFOTRAC

EMERGENCY PHONE (24 HOURS):

1-800-535-5053

The National Chemical Emergency Centre (NCEC)

Deutsche hotline - 0800 7238996 (Kostenfrei innerhalb Deutschlands)

oder +44 (0)1235 753 148

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Product definition : Mixture.

Classification according to Regulation (EC) No. 1272/2008 [CLP] : Aquatic Chronic 4: H413, Aquatic Chronic 3: H412 .

Ingredients of unknown toxicity : None known.

Ingredients of unknown ecotoxicity: None known.

Classification according to OSHA 29 CFR 1910.1299 and Directive 1999/45/EC [DPD]

The product is not classified as dangerous according to OSHA 29.CFR 1910.1200, Directive 1999/45/EC and its amendments.

Classification : Not classified.

See Section 16 for the full text of the R phrases or H statements declared above.

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

2.2 Label elements

Hazard pictograms : No pictogram.

Signal word : None.

Hazard statements : This product has no label elements.

Precautionary statements

Prevention : None.

Response : Not applicable.

Storage : None.

Disposal : H412: Harmful to aquatic life with long lasting effects.

H413: May cause long lasting harmful effects to aquatic life.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazardous ingredients : None known.



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Supplemental label elements : Not applicable.

Special packaging requirements

Containers to be fitted with child-resistant fastenings : Not applicable.

Tactile warning of danger : Not applicable.

2.3 Other hazards

Other hazards which do not result in classification

Properties affecting health : Wash areas of contact with soap and water.

Principle routes of exposure : Skin, eye.

Skin contact : There may be mild irritation at the site of contact.

Eye contact : There may be irritation and redness.

Inhalation : There may be irritation of the throat.

Ingestion : No symptoms.

Chronic Effects: None.

Medical Conditions Aggravated by Long-Term Exposure: None known.

Target Organs: skin and eyes

Signs and Symptoms: May cause irritation to the skin and eyes. If such a reaction occurs, seek medical attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name of Hazardous ingredients	CAS #	CHIP Classification	CLP Classification	%
N-PHENYL-1,1,3,3-TETRAMETHYLBUTYLNAPHTHALEN-1-AMINE- REACH registered number(s): 01-2119972293-33-0000	51772-35-1	R53	Aquatic Chronic 4: H413	1-10%
O,O,O, TRIPHENYL PHOSPHOROTHIOATE	597-82-0	R53	Aquatic Chronic 4: H413	<1%
AMINIC PHENYL DERIVATIVE	68411-46-1	R52/53	Aquatic Chronic 3: H412	<1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

EYE CONTACT : Bathe the eye with running water for 15 minutes.

INHALATION : Not expected.

SKIN CONTACT : Wash immediately with plenty of soap and water.

INGESTION : Wash out mouth with water.

Protection of first-aiders : No known significant effects or critical hazards.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Eye contact : There may be irritation and redness.

Inhalation : No symptoms.

Skin contact : There may be mild irritation at the site of contact.

Ingestion : There may be irritation of the throat.

Over-exposure signs/symptoms

Eye contact : No specific data.

Inhalation : No specific data.

Skin contact : No specific data.

Ingestion : No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician : Treat symptomatically.

Specific treatments : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used - Alcohol foam, dry chemical, carbon dioxide,

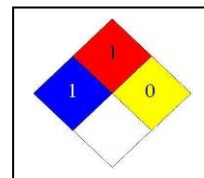
PRODUCT NAME: Rocol Sapphire Premier Grease SDS#: SDS-40
water spray, fog.



Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2 Special hazards arising from the substance or mixture

Flammability class : Combustible when heated.
Fire retardant method : None required.
Flash Point : > 200°C / 392°F.
Autoignition Temperature : > 200°C / 392°F.
Sensitivity to Static Discharge : No information available.
Hazards from the substance or mixture : No information available.
Unusual Fire and Explosion Hazards : No information available.
Hazardous combustion products : Carbon monoxide (CO), Carbon dioxide (CO₂).
Note : None.



5.3 Advice for firefighters

Special precautions for fire-fighters : For structural fires beyond the initial stage, emergency responders in the immediate hazard area should wear protective clothing. When the potential chemical hazard is unknown, a self-contained breathing apparatus should be worn. In addition, wear other appropriate protective equipment as conditions warrant (see Section 8).

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.

HMIS RATING: See Section 15.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : Caution : this product can cause the floor to be very slippery.
For emergency responders : Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

6.2 Environmental precautions : Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard. Spills into or upon navigable waters, the contiguous zone, or adjoining shorelines that cause a sheen or discoloration on the surface of the water, may require notification of the National Response Center (phone number 800-424-8802).

6.3 Methods and materials for containment and cleaning up

Small spill : Transfer to a closable, labelled salvage container for disposal by an appropriate method.
Large spill : Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections : Recommended measures are based on the most likely spillage scenarios for this material; however local conditions and regulations may influence or limit the choice of appropriate actions to be taken. See Section 13 for information on appropriate disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Protective measures : Wear personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.
Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146.

Advice on general occupational : Avoid direct contact with the substance. Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

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7.2 Conditions for safe storage, including any incompatibilities : Store in cool, well ventilated area. Product must only be kept in the original packaging.

7.3 Specific end use(s)

Recommendations : Keep containers tightly closed in a dry, cool and well-ventilated place.

Industrial sector specific solutions : None.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No Occupational Exposure Limits (OELs) have been established for this product or its chemical components.

8.2 Exposure controls

Appropriate engineering : No specific controls are needed. Normal room ventilation is adequate.

Personal Protection Equipment

Eye Protection : Safety glasses with side-shields. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin Protection : Protective gloves. The breakthrough time of the selected gloves must be greater than the intended use period. Wear appropriate clothing to prevent skin exposure.

Respiratory Protection : Respiratory protection not normally required.

Other protective clothing : Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

Hygienic Practices : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Note: Unless otherwise stated, values are determined at 20°C (68°F) and 760 mm Hg (1 atm). Data represent typical values and are not intended to be specifications.

Physical state	: Paste.
Color	: Pale brown.
Odor	: Odorless.
Appearance	: Viscous.
pH	: No data.
Freezing point	: No data available.
Melting point	: > 280°C (536°F).
Flash point	: > 200°C / 392°F.
Flammability (solid, gas)	: NOT a flammable product.
Burning time	: No data.
Burning rate	: No data.
Upper/lower flammability or explosive limits	: No data.
Vapor pressure	: No data.
Vapor Density (air=1)	: No data.
Relative Density	: 0.98 @ 25°C.
Solubility in Water	: Insoluble.
Partition coefficient: n- octanol/water	: No data.
Auto-ignition temperature	: > 200°C / 392°F.
Decomposition temperature	: No data.
Viscosity	: Highly viscous.
Specific Gravity (water=1)	: No data.
Pour Point	: No data.
Explosive properties	: No data.
VOC	: No data.
Oxidizing properties	: Non-oxidizing (by EC criteria).
Evaporation Rate	: Negligible.

9.2 Other information

10. STABILITY AND REACTIVITY

- 10.1 Reactivity** : Stable at ambient temperature and under normal conditions of use.
10.2 Chemical stability : Product is stable.
10.3 Possibility of hazardous reactions : Hazardous polymerization will not occur.
10.4 Conditions to avoid : Heat and direct sunlight.
10.5 Incompatible materials : Strong oxidizing agents, Acids, Bases and Strong reducing agents.
10.6 Hazardous decomposition products : Toxic fumes of Carbon monoxide (CO), Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 Acutetoxicity

Effects of Acute Exposure
 (LD50 oral and LC50)

N-PHENYL-1,1,3,3-TETRAMETHYLBUTYLNAPHTHALEN-1-AMINE

DERMAL	RAT	LD50	>2,000	g/l
ORAL	RAT	LD50	>2,000	mg/kg

O,O,O, TRIPHENYL PHOSPHOROTHIOATE

ORAL	RAT	LD50	2000	mg/kg
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11.2 Acute toxicity estimates

Conclusion/Summary : Not expected to be toxic.

11.3 Irritation/Corrosion

Conclusion/Summary : There may be mild irritation at the site of contact.

11.4 Sensitizer

Conclusion/Summary : Not expected to be a sensitizer.

11.5 Mutagenicity

Conclusion/Summary : Not Available.

11.6 Carcinogenicity

Conclusion/Summary : None. IARC - No. NTP - No. OSHA - No. ACGIH – Not Listed. Mexico – Not Listed

11.7 Reproductive toxicity

Conclusion/Summary : Not classified.

11.8 Teratogenicity

Conclusion/Summary : Not classified.

11.9 Specific target organ toxicity (single exposure)

Not classified.

11.10 Specific target organ toxicity (repeated exposure)

Conclusion/Summary : Not classified.

11.11 Aspiration hazard

Conclusion/Summary : Not classified.

11.12 Information on the likely routes of exposure : Eye, ingestion and skin.

11.13 Potential acute health effects

- Inhalation** : No symptoms.
Ingestion : There may be irritation of the throat.
Skin contact : There may be mild irritation at the site of contact.
Eye contact : There may be irritation and redness.

11.4 Symptoms related to the physical, chemical and toxicological characteristics

- Inhalation** : Not expected to present a significant inhalation hazard under normal use.
Ingestion : If a large quantity has been ingested: May cause nausea, vomiting, and diarrhea.
Skin contact : None under normal conditions.
Eye contact : May causes eye irritation.

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11.15 Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Long term exposure

Potential immediate effects : Not hazardous.

Potential delayed effects : May causes eye irritation.

11.16 Potential chronic health effects

Effects of Chronic Exposure : Not known.

General : No known significant effects or critical hazards.

Carcinogenicity (IARC, ACGIH) : None- NTP, IARC, or OSHA.

Mutagenicity : Not known.

Teratogenicity : Not known.

Developmental effects : Not known.

Fertility effects : Not known.

11.17 Other information : Not available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic

Conclusion/Summary

N-PHENYL-1,1,3,3-TETRAMETHYLBUTYLNAPHTHALEN-1-AMINE

Daphnia magna	48H EC50	>100	mg/l
Scenedesmus Subspicatus	72H ErC50	>100	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>100	mg/l

O,O,O, TRIPHENYL PHOSPHOROTHIOATE

Daphnia magna	48H EC50	>100	mg/l
ZEBRAFISH (Brachydanio rerio)	96H LC50	>100	mg/l

12.2 Persistence

Conclusion/Summary : Only slightly biodegradable.

12.3 Bioaccumulation/Accumulation

Conclusion/Summary : No bioaccumulation potential.

12.4 Mobility/Persistence in soil

Conclusion/Summary : Non-volatile. Absorbed only slowly into soil.

12.5 Degradability/Leaching

Conclusion/Summary : Only slightly biodegradable.

12.6 Environmental Fate

Conclusion/Summary : Not determined.

12.7 Results of PBT and vPvB assessment

Conclusion/Summary : This product is not identified as a PBT/vPvB substance.

12.8 Other adverse effects

: Avoid release to the environment.

13. DISPOSAL CONSIDERATIONS

The generator of a waste is always responsible for making proper hazardous waste determinations and needs to consider state and local requirements in addition to federal regulations.

13.1 Waste treatment methods

Methods of disposal : Dispose of waste material in accordance with all local, regional, national, and international regulations.

Hazardous waste : Not considered to be a Hazardous Waste as shipped.

13.2 Packaging

Methods of disposal : Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

13.3 Special precautions : None known.

14. TRANSPORT INFORMATION

	<u>US DOT</u>	<u>ADR/RID</u>	<u>IMDG</u>	<u>IATA</u>	<u>CAN TDG</u>
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	None.	None.	None.	None.	None.
14.3 Transport hazard class(s)	This product does not require a classification for transport.				
14.4 Packing group	None.	None.	None.	None.	None.
14.5 Environmental hazards	No.	No.	No.	No.	No.
14.6 Special precautions for user	Not available.	Not available.	Not available.	Not available.	Not available.
Additional information	None.				
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.	Not available.	Not available.	Not available.	Not available.

15. REGULATORY INFORMATION

15.1 Federal Regulations

Global Inventories: All ingredients are on DSL/NDSL and TSCA inventories.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods.

EEC Council :According to EEC Council Directive, this material is not a dangerous substance, but suitable precautions for handling chemicals should be taken

INTERNATIONAL MARITIME ORGANIZATION (IMO) DESIGNATION: This product is not classified as Dangerous Goods by the International Maritime Organization.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as Dangerous Goods, by rules of IATA.

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

WHMIS Classification: exempt

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not classified as Dangerous Goods, per regulations of Transport Canada.

NSNR/NPRI: no reportable substances

United States of America: SDS prepared pursuant to the Hazard Communication Standard (29CFR1910.1200).

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is not classified as dangerous goods, per U.S. DOT regulations, under 49 CFR 172.101.

EPA Hazardous Waste Number and Classification (40CFR261.22): none required

Clean Water Act: None of the chemicals in this product are listed as a Hazardous Substance under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

Toxic Substances Control Act (TSCA): Listed on the TSCA inventory.

WGK (Water Danger/Protection) : 0

DSL: All components are either on the DSL, or are exempt from DSL listing requirements.

U.S. Export Control Classification Number: None.

EPA SARA Title III/CERCLA

SARA Section 302 Extremely Hazardous Substances: None of the chemicals in this product have a TPQ.

SARA Codes: None.

Section 313: No chemicals are reportable under Section 313.

CERCLA/SARA - Section 313 and 40 CFR 372:

This material does not contain any chemicals subject to the reporting requirements of SARA 313 and 40 CFR 372.

EPA (CERCLA) Reportable Quantity (in pounds): None.

15.2 State Regulations

California Proposition 65: This product does not contain a chemical known to the state of California to cause cancer, birth defect or other reproductive harm.

PRODUCT NAME: Rocol Sapphire Premier Grease SDS#: SDS-40
Massachusetts : The following components are listed: None.
New Jersey : The following components are listed: None.
Pennsylvania : The following components are listed: None.
15.3 HMIS RATING: Health 1, Flammability 1, Reactivity 0
15.4 NFPA RATING: Health 1, Flammability 1, Reactivity 0

16. OTHER INFORMATION

- 16.1 Full text of abbreviated H statements** : H412: Harmful to aquatic life with long lasting effects.
H413: May cause long lasting harmful effects to aquatic life.
- 16.2 Full text of classifications** : None.
- 16.3 Full text of abbreviated R phrases** : R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R53: May cause long-term adverse effects in the aquatic environment.
- 16.4 Full text of classifications** : None.

[DSD/DPD]

16.5 Guide to Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

16.6 SDS PREPARED BY: Director of Chemical Safety

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Carlisle Fluid Technologies, Inc. makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Carlisle Fluid Technologies, Inc. be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.

*** END OF SDS ***