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Safety Data Sheet

Black Satin Tire Dressing

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Identifiers

Name Black Satin Tire Dressing
Number 10951
Brand Griot's Garage
Product Use Give tires a satin shine
Supplier Name Griot's Garage Inc. - www.griotsgarage.com
Address 3333 South 38th Street – Tacoma - WA 98409
2185 Airwest Blvd - Plainfield. IN 46168
Telephone 800-345-5789 - 888-252-2252 Fax - info@griotsgarage.com
Emergency Phone **800-345-5789**
Prepared/Revised September 28, 2016

SECTION 2: HAZARD IDENTIFICATION

Classification of the substance or mixture

Physical Hazards Flammable Aerosol (Category 1), Extremely flammable aerosol - Liquefied gas (Category 2), Contains gas under pressure; may explode if heated.
Health Hazards Aspiration Hazard (Category 1), May be fatal if swallowed and enters airways. - Skin irritant (Category 2), Causes skin irritation. Repeated exposure may cause skin dryness or cracking. - Single Target Organ Toxicity – Single Exposure (Category 3), May cause drowsiness or dizziness.
Environmental Hazards Hazardous to the aquatic environment-Acute (Category 2), Toxic to aquatic life - Chronic (Category 2), Harmful to aquatic life with long lasting effects.

Precautionary Statements and Label Elements

Pictograms Gas Cylinder – Flame – Health Hazard – Exclamation Mark



Signal Word

DANGER

Prevention

Keep away from heat, sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Use only outdoors or in a well-ventilated area. Avoid breathing spray. Wear protective gloves/ eye protection. Wash hands and exposed skin after use. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F

Storage

Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place.

Disposal

Dispose of container or contents in accordance with all regulations.

Other hazards

Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Supplemental Information

See Section 16 for alphanumeric H-Statements and P-Statements.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	% Wt.	Hazard Classification
Acetone	67-64-1	40-50	Flam. Liq. 2- H225; Eye Irrit. 2-H319 STOT SE 3- H336
Heptane, branched, cyclic and linear	426260-76-6	5-15	Flam. Liq. 2- H225; Asp. Tox. 1-H304; Skin Irrit. 2- H315; STOT SE 3- H336
Distillates (Petroleum), hydrotreated light	64742-47-8	5-15	Aquatic Acute 2- H401; Chronic 3- H412 Flam. Liq. 4- H227; Skin Irrit. 2- H315; Asp. Tox. 1-H304; STOT SE 3- H336;
1,1-Difluoroethane	75-37-6	20-30	Aquatic Acute 2- H401; Chronic 2- H411 Flam. Gas 1-H220; Liquefied Gas-H280;
Carbon Dioxide	124-38-9	< 10	Simple Asphyxiant Compressed dissolved gas- H280

This composition consists of a combination of ingredients. The ones potentially contributing to classified hazards are reported above. The above chemistries are provided for industrial hygiene and environmental purposes and are not intended to represent product specifications.

SECTION 4: FIRST AID MEASURES**Description of first aid measures****General advice**

Move out of dangerous area. Consult a physician if you feel unwell. Show this safety data sheet to the doctor and first responders.

If inhaled

Remove person to fresh air and keep comfortable for breathing. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

In case of skin contact

Wash affected skin with plenty of soap and water. Take off all contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation (redness, rash, blistering) develops, get medical attention.

In case of eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/ attention.

If swallowed

Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed: May be harmful if swallowed and enters airways. Do NOT induce vomiting.

Indication of any immediate medical attention and special treatment needed: If swallowed, immediately call a POISON CONTROL center or doctor/physician.

SECTION 5: FIREFIGHTING MEASURES**Extinguishing Media****Suitable**

Extinguish dry chemical, CO₂, water spray (FOG) or foam.

Unsuitable

Do not use water jet.

Special hazards arising from the substance or mixture

Pressurized container. May burst if heated.

Advice for firefighters

Suitable protective clothing should be worn in fire conditions and a self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. (MSHA/NIOSH approved or equivalent). Keep containers cool by spraying with water if exposed to fire.

Further information

If employees are expected to fight fires, training and equipment information can be found in OSHA Fire Brigades Standard (29 CFR 1910.156).

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Use appropriate safety equipment. Keep unnecessary and unprotected personnel from entering the area. Keep upwind of spill. Ventilate area of leak or spill. Eliminate sources of ignition. No smoking in area. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/eye protection. For large spills, warn public of downwind explosion hazard.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

Methods and materials for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery

Reference to other sections-resources

None

SECTION 7: HANDLING AND STORAGE**Precautions for safe handling**

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Use only outdoors in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing gas/spray.

Conditions for safe storage, including any incompatibilities

- Storage temperature Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

- Incompatible materials This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use

Lubricant.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**Component Exposure Limits**

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Acetone	67-64-1	1000	500	-----	750	^NIC
Heptane, branched, cyclic and linear	426260-76-6	500 ppm*	1500 mg/m ³	-----	-----	*n-heptane

Recommended monitoring method NIOSH 1500 (hydrocarbons, B.P. 36-126°C)

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded. Post hazard and warning information in the work area. In addition, as part of an ongoing education and training effort, communicate all information on the health and safety hazards to potentially exposed workers.

Personal protective equipment

Eye/face protection



Wear protective eyewear (goggles, face shield, or safety glasses). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection



Wear suitable gloves if prolonged skin contact is likely (Butyl rubber). Check with protective equipment manufacturer's data. Dispose of contaminated gloves after use in accordance with applicable regulations and good practices. Wash and dry hands. Wash contaminated clothing and decontaminate shoes before reuse.

Respiratory protection



Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Respirators should only be used with a written program as described in the OSHA Respiratory Protection Standard (29 CFR 1910.134).

Thermal Hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Control of environmental exposure

Avoid release to the environment. Dispose of contents/container in accordance with regulations.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Aerosol Spray
Color:	Colorless
Odor:	Fruity
Odor Threshold:	Not Available
pH:	Not Available
Melting Point (°C)/Freezing Point (°C):	Not Available
Boiling Point/Range (°C) :	-25 (1,1-Difluoroethane)
Flash Point (°C):	-50, estimated (1,1-Difluoroethane)
Evaporation Rate (ethyl ether = 1):	> 1 (1,1-Difluoroethane)
Flammability (solid, gas):	Extremely flammable
Explosive Limit Ranges:	3.9% - 16.9% v/v (1,1-Difluoroethane)
Vapor Pressure (Pascal):	5.3 x 10 ⁵ @ 21°C (1,1-Difluoroethane)
Vapor Density (Air=1):	2.4 (1,1-Difluoroethane)
Density (g/ml):	Not Available
Solubility (Water):	0.28% @ 21°C (1,1-Difluoroethane)
Solubility (Other):	Not Available
Partition Coefficient (n-octanol/water):	Not Available
Auto Ignition Point (°C):	440 (1,1-Difluoroethane)
Decomposition Temperature (°C):	Not Available
Kinetic Viscosity (cSt):	<20.5
Explosive Properties:	Not explosive
Oxidizing Properties:	Not oxidizing
Other Information:	Not Available

Physical Data is typical values based on material tested, but may vary based on composition. Values should not be accepted as guaranteed for every lot or as specifications for this product.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

Does not react under normal conditions of use.

Chemical Stability

Stable under normal conditions of use.

Possibility of Hazardous Reactions

None anticipated.

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Stability/Incompatibility

This product should be stored away from sources of strong heat or oxidizing chemicals.

Conditions to Avoid

Avoid contact with heat and ignition sources.

Hazardous Reactions/Decomposition Products

Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Exposure routes Inhalation, Skin contact, eye contact

Component toxicity

- Acetone Acute toxicity – Oral LD50 = 5800 mg/kg (rat), Dermal LD50 > 15800 mg/kg (rabbit), Inhalation LC50 76 mg/L (4 hour(s)) (rat). Vapors may cause drowsiness and dizziness. Irritation/Corrosivity – Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking. Sensitization – It is not a skin sensitizer. Repeated dose toxicity – Oral NOAEL=900 mg/kg/day (rat) (90 days). Inhalation NOAEL≥19,000 ppm (rat). Carcinogenicity – It is unlikely to present a carcinogenic hazard to man. Not listed as a carcinogen by NTP, IARC,ACGIH, OSHA, NIOSH. Mutagenicity – Negative. Toxicity for reproduction – Negative.

-Heptane Acute toxicity – Oral LD50>5g/kg-bw, Dermal LD50>2g/kg-bw, Inhalation LC50=65-103 mg/L (Vapor), 4-hr. rat. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways. Irritation/Corrosivity – Causes skin irritation. Repeated exposure may cause skin dryness and cracking. May cause eye irritation. Sensitization – It is not a skin sensitizer. Repeated dose toxicity – NOAEC=12350 mg/m³ (2 yr., inhal., rat, systemic effects). LOAEC=1650 mg/m³ (2 yr., inhal., rat, CNS effects). May cause drowsiness or dizziness. Carcinogenicity – It is unlikely to present a carcinogenic hazard to man. Not listed as a carcinogen by NTP, IARC,ACGIH, OSHA, NIOSH. Mutagenicity – There is no evidence of mutagenic potential. Toxicity for reproduction – No information available.

Additional Information None known.

SECTION 12: ECOLOGICAL INFORMATION

Component Ecotoxicity

- Heptane Short-term - LL50 (96 hour) > 13.4 mg/L (*Oncorhynchus mykiss*); EL50 (48 hour) 3 mg/L (*Daphnia magna*, mobility; EC50 (96 hour) 13 mg/L (*Pseudokirchnerella subcapitata*). Long-term – NOELR (28 days) 1.5mg/l (*Fish*) QSAR, LOEC (21 days) 0.32 mg/L (*Daphnia magna*), NOEL (96 hour) 6.3 mg/L (algae)

Persistence and biodegradability Readily biodegradable.

Bioaccumulation potential This product has no potential for bioaccumulation.

Mobility in soil Not available.

Results of PBT and vPvB assessment Not classified as PBT or vPvB.

Other adverse effects None known.

SECTION 13: DISPOSAL CONSIDERATION

Waste treatment methods Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL 73/38 and the IBC Code: Not applicable.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Additional transportation system information can be obtained through a shipper authorized sales or customer service representative.

SECTION 15: REGULATORY INFORMATION

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

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Federal

TSCA: All components of this product are listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4: Acetone (67-64-1)
Typical weight % 20, RQ 5000 pounds

SARA TITLE III: (Superfund Amendments and Reauthorization Act)

302 Components: None are subject to the reporting requirements of Section 302.

313 Components: None are subject to the reporting requirements of Section 313.

311/312 Hazards: Fire, Sudden release, Immediate (acute)

SECTION 16: OTHER INFORMATION

Full alphanumeric H-Statements and P-Statements

H220: Extremely flammable gas.

H225: Highly flammable liquid and vapor.

H280: Contains gas under pressure; may explode if heated.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H401: Toxic to aquatic life.

H412: Harmful to aquatic life with long lasting effects.

P210: Keep away from heat, sparks, open flames and hot surfaces. No smoking.

P211: Do not spray on an open flame or other ignition source.

P251: Pressurized container: Do not pierce or burn, even after use.

P261: Avoid breathing spray.

P271: Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/eye protection.

P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Disclaimer

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Prepared by Griot's Garage