

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier	Gunk™ Tire Shine – Extremely Black
SDS Number	TS15
Part Number	TS15
Tariff Code	3402.20.5100
Recommended Use(s)	Tire Shine
Restrictions	None
Company Identification	Blumenthal Brands Integrated, LLC 600 Radiator Road Indian Trail, NC 28079 United States
Telephone	Customer Service/Technical: (704) 821-7643
Website	www.solvewithB.com
E-Mail	sds@solvewithB.com
Emergency phone number	RMPDC (303) 623-5716 RMPDC (877)740-5015

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200) ; GHS Rev. 7

Flam. Aerosol 1; Eye Irrit. 2; STOT SE 3; Asp. Tox. 1

Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard Statement(s)

Extremely flammable aerosol.
Pressurised container: May burst if heated.
Causes serious eye irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
Do not pierce or burn, even after use.
Wear protective gloves/eye protection.
Wash hands and exposed skin thoroughly after handling.
Avoid breathing mist/vapours/spray.

Other hazards:

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

Additional Information:

None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Acetone	50 - 60	67-64-1	Flam. Liq. 2; H225 Eye Irrit. 2; H319 STOT SE 3; H336
Distillates (petroleum), hydrotreated light **	15 - 20	64742-47-8 **	Asp. Tox. 1; H304
Solvent Naphtha (Petroleum) Light Aromatic	5 - 10	64742-95-6	Asp. Tox. 1; H304 Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Carbon dioxide	2 - 5	124-38-9	Press. Gas (*)
Trimethylbenzene	2 - 5	25551-13-7	Asp. Tox. 1; H304 Flam. Liq. 3; H226 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Acute Tox. 4; H332 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
1,2,4-Trimethylbenzene	2 - 5	95-63-6	Asp. Tox. 1; H304 Flam. Liq. 3; H226 Eye Irrit. 2; H319 Skin Irrit. 2; H315 Acute Tox. 4; H332 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Benzene, 1,3,5-trimethyl-	0.5 - 2	108-67-8	Asp. Tox. 1; H304 Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 3; H401 Aquatic Chronic 2; H411
Benzene, 1,2,5-trimethyl-	< 1	526-73-8	Asp. Tox. 1; H304 Eye Irrit. 2; H319 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Acute 3; H401 Aquatic Chronic 2; H411
Cumene	< 1	98-82-8	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Chronic 3; H412
Xylenes	< 1	1330-20-7	Flam. Liq. 3; H226 Eye Irrit. 2B; H319 Skin Irrit. 2; H315 Asp. Tox. 1; H304 STOT SE 3; H336 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Polyether modified trisiloxane	< 0.1	134180-76-0	Acute Tox. 4; H332, H312 Eye Irrit. 2A; H319 Aquatic Chronic 2; H411
Polydimethylsiloxane Fluid	10 - 15	63148-62-9	Not classified as dangerous for supply/use.

Additional Information - Substances in the product which may present a health or environmental hazard, or which have been assigned occupational exposure limits, are detailed below.: **None**

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

** Dearomatized. Contains <2% aromatic hydrocarbons.

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation	Not normally required. If symptoms occur obtain medical attention.
Skin Contact	Not normally required. If skin irritation occurs: Get medical advice/attention.
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.
Ingestion	Do not give anything by mouth to an unconscious person. Seek medical treatment. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

-Suitable Extinguishing Media	Extinguish with carbon dioxide, dry chemical, foam or water spray.
-Unsuitable Extinguishing Media	Do not use water jet.

Special hazards arising from the substance or mixture

Contains gas under pressure; may explode if heated.

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes.

Environmental precautions

Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up

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

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Wear protective gloves/eye protection. Wash hands and exposed skin thoroughly after handling.

Conditions for safe storage, including any incompatibilities

-Storage temperature	Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.
-Incompatible materials	This product should be stored away from sources of strong heat or oxidizing chemicals.

Level 2 Aerosol

Specific end use(s)

Automotive Care

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Acetone	67-64-1	1000 ppm	250 ppm	-----	500 ppm	-----
Mineral oils / Oil Mist	-----	5 mg/m ³	5 mg/m ³ ⁽¹⁾	-----	-----	(1)
Carbon Dioxide	124-38-9	5,000 ppm	5,000 ppm	-----	30,000 ppm	#

#Assure minimum oxygen content of work atmosphere.; (1) Inhalable fraction

Recommended monitoring method

NIOSH 1300 (Ketones I); NIOSH 1500 (hydrocarbons, B.P. 36 - 126 °C)

Exposure controls

Appropriate engineering controls

Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely.



Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.



Thermal hazards

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

Environmental Exposure Controls

Prevent release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol
Color.	Water-white
Odor	mildly pungent, somewhat aromatic odour
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	- 17 (closed cup method, Acetone)
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable aerosol.
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	240 hPa (Acetone)
Vapor Density (Air=1)	Not available
Density (g/ml)	0.8
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	465 (Acetone)

Decomposition Temperature (°C)	Not available
Kinematic Viscosity	<20 cSt
Heat of combustion (NFPA 30B)	25.2 kJ/g estimated
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC	8.7% w/w

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Stable under normal conditions.
Chemical stability	Stable.
Possibility of hazardous reactions	None anticipated.
Conditions to avoid	Avoid contact with heat and ignition sources.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition product(s)	Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Acetone (CAS No. 67-64-1)

Acute toxicity	Oral LD50 = 5800 mg/kg (rat) Dermal LD50 >15800 mg/kg (rabbit) Inhalation LC50 76 mg/L (4 hour(s)) (rat) - Vapours may cause drowsiness and dizziness.
Irritation / Corrosivity	Causes serious eye irritation. Repeated exposure may cause skin dryness or cracking.
Sensitisation	It is not a skin sensitiser.
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.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity	Negative
Toxicity for reproduction	Negative
Other information	None known.

Solvent naphtha (petroleum), light arom. (CAS No. 64742-95-6)

Acute toxicity	LD50 (rat) > 5000 mg/kg Inhalation (rat) > 5610 mg/m ³ 4 hour(s) Dermal (rabbit) > 2000 mg/kg May cause drowsiness or dizziness.
Irritation/Corrosivity	Irritation (rabbit): Irritating to skin. Non-irritant to rabbit eyes.
Sensitization	It is not a skin sensitiser in animal tests.
Repeated dose toxicity	Oral: NOEL < 500 mg/kg Dermal: < 200 mg/kg Inhalation: NOAEC = 9840 mg/m ³
Carcinogenicity	Not to be expected - Contains: Cumene (CAS No. 98-82-8) Group 2B; Possible carcinogenic to humans (IARC)

NTP	IARC	ACGIH	OSHA
No.	No.	No.	No.

Mutagenicity	Not to be expected
Reproductive toxicity	Not to be expected
Other information	None known.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Solvent Naphtha (petroleum), light aromatic (CAS# 64742-95-6) - By analogy with similar materials:

Short term	LL50 (96 hour): 8.2 mg/L (<i>Pimephales promelas</i>) EL50 (48 hour): 4.5 mg/l (<i>Daphnia magna</i> , mobility) EL50 (72 hour): 3.1 mg/l (<i>Pseudokirchnerella subcapitata</i>)
Long Term	EL50 (21 days): >40 mg/l (<i>Daphnia magna</i>) EL50 (72 hour): 3.1 mg/l (<i>Pseudokirchnerella subcapitata</i>)

Persistence and degradability

Biodegradable.

Bioaccumulative potential

The product has no potential for bioaccumulation.

Mobility in soil

The substance is predicted to have high mobility in soil.

Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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

	Land transport <u>U.S. DOT</u>	Sea transport <u>(IMDG)</u>	Air transport <u>(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 MARPOL73/78 and the IBC Code: Not applicable

IATA; IMDG



Marine pollutant



General information

IMDG Regulated Marine Pollutant.

SECTION 15: REGULATORY INFORMATION

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

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
Acetone	67-64-1	56	5000

SARA 311/312 - Hazard Categories: See SECTION 2 - HAZARDS IDENTIFICATION

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
None	----	----

SARA 302 - Extremely Hazardous Substances(40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:



WARNING: This product can expose you to chemicals including Cumene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: This document has undergone significant changes and should be reviewed in its entirety.

HMIS® ratings

Health: 3*
Flammability: 4
Physical hazard: 0

NFPA ratings

Health: 2
Flammability: 4
Instability: 0

NFPA ratings



Training advice: None.

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.