



Sicamu, Inc.
1066 Strong Road
Quincy, FL, 32351
850-2706283

SECTION I. IDENTIFICATION

Name of the Manufacturer: SICAMU Inc.

Commercial name: Tire Shine

Address:
Manufacturer:
1066 Strong Road, Quincy, FL, 32351
Telf.: +1 (850) 270.62. 83
Fax: +1 (850) 875.45.18

Type of product: Automotive, Car care.

SECTION II. HAZARD IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Extremely Flammable Aerosols

Hazard classification:	Acute toxicity – Oral	Category 4
	Acute toxicity – Dermal	Category 4
	Acute toxicity – Inhalation (Dust/mist)	Category 4
	Skin corrosion/irritation	Category 2
	Serious eye damage/eye irritation	Category 2
	Specific target organ toxicity (single exposure)	Category 1

Label Elements:



Danger
Extremely Flammable Aerosol, contains gas under pressure, may explode if heated.

Appearance: Clear	Physical state: liquid	Odor: solvent
Health hazard: 2	Flammability: 4	Instability: 0

Hazard Statement:

Harmful if swallowed, inhaled or contact with skin. Causes damage to organs, optic nerve, and central nervous system. May cause drowsiness or dizziness. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Causes skin and serious eye irritation. Harmful if swallowed, repeated exposure can cause skin dryness or cracking. Inhalation can cause auditory dysfunction and effects on color vision.



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Precautionary Statements (prevention):	Wash face, hands and any exposed skin thoroughly after handling. Do not eat, drink or smoke while using this product. Wear protective gear (gloves, glasses, clothing, respirator) Use in well ventilated area, preferably outdoors. Do not breathe dust/fume/vapors.
Precautionary Statements (response):	Eyes: rinse with abundant water for fifteen minutes. Remove contact lenses if possible. Immediately call poison center or physician. Skin: remove all contaminated clothes. Rinse with water and soap. Rinse skin with abundant water. Immediately call poison center or physician. Inhaled: remove victim to fresh air and keep in a comfortable position for breathing. Contact poison center or physician if person feels unwell. Swallowed: Do not induce vomit. Immediately call poison center or physician.
Storage and disposal:	Store in cabinet, keep out of reach of children and pets. Dispose contents/container to an approved waste disposal plant. Do not expose to temperatures exceeding 50°C/122 F.
Hazards not otherwise classified (HNOC) other information	Unknown acute toxicity.

SECTION III. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS	% Weight
2-propanone	67-64-1	20-40
Heptane	426260-76-6	30-50
Polydimethylsiloxane	9016-00-6	20-40
Carbon Dioxide	124-38-9	5-10

SECTION IV. FIRST-AID MEASURES

Eye contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact:	Rinse with water and soap. If symptoms develop obtain medical attention.



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Inhalation:	Remove to fresh air. If not breathing, clear airway and start artificial respirator. If victims is having trouble breathing, give supplemental oxygen, if available get medical attention.
Ingestion:	Immediately drink large quantities of water. Get medical attention. Do not force anything to an unconscious person.
Most important symptoms and effects, both acute and delayed:	May cause damage to the optic nerve, and the central nervous system.
Indication of any immediate medical attention and special treatment if needed:	If swallowed do not induce vomiting. Get immediate medical attention.

SECTION V. FIRE-FIGHTING MEASURES

Extinguishing media:	Carbon dioxide, dry chemical, alcohol foam. Do not use spray water or water jet.
Hazard during fire-fighting:	Highly flammable vapors with flash point below 70F.
Special fire fighting procedures:	Self-contained breathing apparatus and protective clothig should be worn. Vapors are flammable and heavier than air, may travel across the ground and reach remote ignition sources causing flashback fire.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Avoid contact with spilled or released material. For guidance on selection of personal protective equipment refer to Section VIII. For disposal refer to Section XIII. Observe the relevant local and international regulations.

Protective measures: avoid contact with skin and eyes. Use appropriate containment to avoid environmental contamination. Prevent from spreading or entering drains, ditches or rivers by using sand, earth or other appropriate barriers. Keep away from heat, flames or ignition sources. Do not smoke while using this product. Avoid breathing vapors.

Clean up methods: Avoid accidents, clean up immediately. Prevent from spreading. Reclaim liquid directly or in an absorbent. Soak up residue with an absorbent such as clay, sand or other suitable materials and dispose properly.

Additional advice: inform local authorities of large spills.

SECTION VII. HANDLING AND STORAGE



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Storage temperature:	Max: 50°C (122 F)	Min: 0 °C (32 F)
Handling and storage:	Storage in a dry, cool, ventilated area. Prevent leaks. Keep away from sparks and ignition sources. Do not inhale, ingest or squirt to the eyes. Keep out of the reach of children. Do not puncture or burn the container. Product should not enter in contact with strong acids, strong bases or strong oxidizing agents.	

SECTION VIII. EXPOSURES CONTROL/PERSONAL PROTECTION

Eye protection:	Wear protective gear.
Skin protection:	Suitable gloves if prolonged skin contact is expected.
Respiration and ventilation:	If exposure limits are exceeded or irritation is experienced NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General hygiene considerations:	Handle in accordance with good industrial hygiene and safety practice.
Exposure limits:	Not established for the product as a whole. Refer to table below for components occupational limits.

SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
2-propanone	67-64-1	1000	500	-----	750	^NIC
Heptane	426260-76-6	500 ppm**	1500 mg/m ³	-----	-----	**n-heptane
Carbon dioxide	124-38-9		5000 ppm		30,000 ppm	

^NIC = Notice of Intended Changes (ACGIH®);

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Clear.



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Odor	Citric.
Odor threshold	No data available
pH	Not available.
Melting point/freezing point /boiling point	No data available
Flash point	-17 C (2-propanone)
Evaporation rate	No data available
Flammability (solid, gas)	Extremely Flammable aerosol.
Vapor pressure	2.4x10 ⁴ Pa (2-propanone)
Relative vapor density at 20 °C	No data available
Relative density :	0.83
Solubility	Not soluble
Partition coefficient n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Heat of Combustion	No data available
Flame Projection	No data available
Flashback	No data available

SECTION X. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Extremes of temperature. Open flame, ignition sources. Strong oxidizing agents.
Incompatibilities:	Strong oxidizing agents.
Hazardous decomposition:	Carbon monoxide, carbon dioxide, acrid smoke.

SECTION XI. TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact
Information on toxicological effects



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2-propanone (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.
Causes serious eye irritation. Repeated exposure
may cause skin dryness or cracking.

Irritation / Corrosivity

Sensitisation

It is not a skin sensitiser.

Repeated dose toxicity

Oral NOAEL = 900 mg/kg/day
(rat) (90-days) Inhalation

NOAEL \geq 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.

Heptane (CAS-No 426260-76-6):

Acute toxicity

Oral: LD50 >5 g/kg-bw
Dermal: LD50 >2 g/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/Corrosion

Causes skin irritation. Repeated exposure
may cause skin dryness or cracking. May
cause eye irritation.

Sensitization

It is not a skin sensitizer.

Repeated dose toxicity

NOAEC: 12350 mg/m³ (2 year,
inhalation., rat, Systemic effects)
LOAEC: 1650 mg/m³ (2 hr,
inhalation., rat, CNS effects) May
cause drowsiness or dizziness.

Carcinogenicity

No data. It is unlikely to present a
carcinogenic hazard to man.

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

Mutagenicity

There is no evidence of mutagenic potential.



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Reproductive toxicity

Not available

SECTION XII. ENVIRONMENTAL INFORMATION

Heptane (CAS No 426260-76-6)	
Short term	LL50 (96 hour): >13.4 mg/L (<i>Oncorhynchus mykiss</i>) EL50 (48 hour): 3 mg/l (<i>Daphnia magna</i> , mobility) EC50 (96 hour): 13 mg/l (<i>Pseudokirchnerella subcapitata</i>)
Long Term	NOELR (28 days) 1.5 mg/l (<i>Fish</i>) QSAR LOEC (21 days): 0.32 mg/l (<i>Daphnia magna</i>) NOEL (96 hour) 6.3 mg/l (Algae)
Persistence and degradability	Readily biodegradable.
Bio accumulative potential	The product has no potential for bioaccumulation.
Mobility in soil	Highly volatile.
Results of PBT and vPvB assessment	Not classified as PBT or vPvB.
Other adverse effects	None known.

2-propanone (CAS 67-64-1)	
Ecology-general	Not classified as dangerous for the environment according to the criteria of Directive 67/548/EEC. Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008.
Ecology-air	Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009). Not included in the list of substances which may contribute to the greenhouse effect (Regulation (EC) No 842/2006). TA-Luft Klasse 5.2.5.
Ecology-water	Not harmful to fish (LC50(96h) >1000 mg/l). Not harmful to invertebrates (<i>Daphnia</i>). Not harmful to algae (EC50 >1000 mg/l). Not harmful to plankton. Inhibition of activated sludge.
LC50 fish 2	5540 mg/l (LC50; EU Method C.1; 96 h; <i>Salmo gairdneri</i> ; Static system; Fresh water; Experimental value)
EC50 Daphnia 2	12600 mg/l (LC50; Other; 48 h; <i>Daphnia magna</i> ; Static system; Fresh water; Experimental value)
Persistence and biodegradability	
Persistence and biodegradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No test data on mobility of the substance available.
Biochemical oxygen demand (BOD)	1.43 g O ₂ /g substance
Chemical oxygen demand (COD)	1.92 g O ₂ /g substance
ThOD	2.20 g O ₂ /g substance
BOD (% of ThOD)	0.872 (20 days; Literature study)
Bio accumulative potential	



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BCF Fish 1	0.69 (BCF)
BCF other aquatic organisms 1	3 (BCF: BCFWIN)
Log Pow	-0.24 (test data)
Bio accumulative potential	Not bio accumulative
Mobility in soil	
Surface tension	0.0237 N/m

SECTION XIII. DISPOSAL INFORMATION

Disposal:

Material used to contain large spills should be disposed in accordance with local laws and regulations. Do not dispose into environment, in drains or in water courses.
Disposal should be in accordance with applicable regional, national regulations.
Do not reuse container.

SECTION XIV. TRANSPORT INFORMATION

Transportation:

Proper shipping name: aerosols flammable.
UN Number: 1950 (US DOT, IMDG, ICAO/IATA)
Transport hazard class: 2.1(US DOT, IMDG, ICAO/IATA)
EPA SARA Title III Chemical Listings:
Section 302 Extremely Hazardous Substances: None
Section 311/312 Hazard Class: Acute: Yes, Chronic: Yes, Fire: Yes, Pressure: Yes, Reactive: No
Section 313 Toxic Chemicals: None

SECTION XV. REGULATORY INFORMATION

2-propanone (CAS #67-64-1)

Listed on the US TSCA (Toxic Substance Control Act) inventory

RQ (Reportable quantity, section 304 of EPA's list of lists) 5000 lb

SARA Section 311/312 Hazard Classes: Immediate (acute) health hazard. Fire hazard.

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.



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Date: January 02, 2.017

Guarantee waiver:

This information is accurate and reliable to the best knowledge of Sicamu Inc. No representation, warranty or guarantees are made to its accuracy, reliability or completeness. All users are encouraged to review this SDS in the context of how to use and handle this product. Users are responsible for any interpretation and/or use of this information and of this product.

If clarification or further information is required, the user is responsible for contacting Sicamu Inc. to receive any additional information that he may require.

Our responsibility for products sold is subject to our standard terms and conditions. A copy of which is available on request.