

SAFETY DATA SHEET



Date issued : 01/24/2016
SDS number : 5710
Date revised : 07/17/2024
Revision number : 2

TIRE BRIGHT

1. Identification

Product code: 5710
Product identifier: TIRE BRIGHT
Relevant identified uses: Tire Dressing and Brightener

Manufacturer / Supplier

John-Henry Enterprises, Inc.
800 Central Ave.
Jefferson, LA 70121

Emergency contact: H. Zeller

Emergency Phone: 504-888-8989

Web: www.john-henry.com

Emergency telephone number (24 hour)

US/Canada: 800-535-5053

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Skin Irritation, Category 2
Reproductive Toxicity, Category 2
Target Organ Toxicity (Single exposure) - Central nervous system, Category 3
Aspiration Hazard, Category 1

Environmental hazards:

Acute Hazards to the Aquatic Environment, Category 2
Chronic Hazards to the Aquatic Environment, Category 2

Physical hazards:

Flammable Liquids, Category 2

Label elements



Environmental
Hazard



Flammable
- Category
1



Health
hazard



Irritant

Signal word: DANGER

Hazard statement(s)

H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H336: May cause drowsiness or dizziness.

H361: Suspected of damaging fertility or the unborn child (state specific effect if known)(state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

H372: Causes damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).

Precautionary statement(s)

Supplemental label elements:

P102: Keep out of reach of children.

P103: Read carefully and follow all instructions.

P202: Do not handle until all safety precautions have been read and understood.

Prevention:

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

P240: Ground and bond container and receiving equipment.

- P243: Take action to prevent static discharges.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P264: Wash ... thoroughly after handling.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

- P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 2647OCLL: IF SWALLOWED: Immediately call a POISON CENTER , doctor, or other qualified medical personnel. (See First Aid Section for more information) Rinse mouth. Do NOT induce vomiting.
- P363: Wash contaminated clothing before reuse.
- 9001RUSB: In case of fire: Stop leak if safe to do so. Use dry chemical, carbon dioxide, or alcohol-resistant foam to extinguish.

Storage:

80428HEF: Keep only in original container. Store in a well-ventilated place. Keep container tightly closed. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Disposal:

P501: Dispose of contents/container to ...

Potential health effects

- Eye:** Contact may cause eye irritation.
- Skin:** Prolonged or repeated exposure may cause dryness, defatting, redness, rash, irritation, sensitization and/or dermatitis.
- Ingestion:** May cause gastrointestinal discomfort, including nausea, vomiting, diarrhea, etc. Aspiration of vomited material may cause damage to lungs and chemical pneumonitis
- Inhalation:** High vapor concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

3. Composition/information on ingredients

Chemical name	% w/w	CAS No.
Petroleum distillate	20 - 25	68551-17-7
Aliphatic hydrocarbon	55 - 60	64742-49-0
Other ingredients are not hazardous or are present at levels that do not present a significant hazard.	> 20	Proprietary

4. First-aid measures

- Eye:** Gently hold eyelids open and flush with water for 15 minutes or until discomfort eases. Remove contact lenses if possible. Seek medical attention if irritation persists or vision remains blurred.
- Skin:** Remove contaminated clothing and footwear. Flush off with water. Get medical attention if irritation develops or persists.
- Ingestion:** Get immediate medical attention (call 911). Rinse mouth with water. Do not induce vomiting unless instructed to do so by poison center or physician. Give patient water or milk unless unconscious or convulsing. Keep patient warm and comfortable. Treat for shock.
- Inhalation:** If affected by vapors, spray or mist, move to fresh air. Seek medical attention if symptoms persist or worsen. If breathing is difficult, give oxygen and get immediate medical attention.
- Most important symptoms and effects, both acute and delayed**
 - Eye:** Slight to moderate irritation, including stinging, burning, tearing, and/or temporary blurring of vision.
 - Skin:** Prolonged or repeated contact may produce irritation, redness, edema, burning or itching, rash, etc.
 - Ingestion:** Causes irritation to mouth, throat, esophagus, and GI tract. Can cause gastrointestinal discomfort, including nausea, vomiting, and diarrhea. Aspiration of vomited material may cause damage to lungs and respiratory system
 - Inhalation:** Vapors, spray or mists can irritate eyes, nose, throat, and respiratory tract. Vapors can cause dizziness, drowsiness, nausea, headache, drunkenness, vomiting, unconsciousness, and other anesthetic effects.
- Indication of immediate medical attention and special treatment needed, if necessary:** Treat symptomatically. Contains petroleum distillates. Aspiration of vomited material can cause lung damage and chemical pneumonia.

5. Fire-fighting measures

- Flammable class:** GHS Category - 2; US DOT - Flammable Liquid; OSHA - Flammable Liquid
- Suitable extinguishing media:** Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material.

DO NOT USE water spray of stream (may cause fire to spread.)

Hazardous combustion products: Oxides of carbon and silicon, organosilicon and hydrocarbon residues

Explosion hazards: Containers can burst if exposed to flames or high temperatures. Product is lighter than water and water spray or stream might cause burning product to spread. Product vapors are heavier than air and can propagate to remote ignition sources and be ignited.

Fire fighting procedures: Wear self-contained breathing apparatus when fighting chemical fires. Use water fog or spray to cool containers and/or disperse product vapors.

Sensitivity to static discharge: Product can generate static electricity and ignite when poured or pumped. Ground and bond containers.

6. Accidental release measures

Small spill: Wear recommended PPE. Ventilate the area and remove uninvolved personnel. Extinguish nearby sources of ignition. Contain and absorb spilled material. Dispose of contaminated absorbant properly. Wash spill area with warm water.

Large spill: Wear appropriate PPE. Stop flow. Ventilate the area and extinguish nearby sources of ignition. Remove uninvolved personnel from area. Contain spill and keep from entering sewer or surface waterways. Collect spill into suitable, properly labeled containers for use or disposal. Wash spill area with water or detergent solution.

7. Handling and storage

Precautions for safe handling: Avoid contact with eyes. Read and understand label and SDS before handling any chemical. Use only in well ventilated areas away from ignition sources. Ground and bond containers when pouring or transferring to another container. Open drums slowly to release accumulated pressure.

Conditions for safe storage: Store in original containers in a cool, well ventilated area away from heat, sparks, flame or other sources of ignition. Keep containers tightly closed when not in use.

8. Exposure controls/personal protection

Exposure controls

Chemical name	Control parameters			
	Occupational exposure limit values			
	Type		ppm	mg/m ³
Petroleum distillate	Supplier OEL	TWA	400	
Aliphatic hydrocarbon	ACGIH, NIOSH	TWA	50	
	OSHA PEL	TWA	500	

Appropriate engineering controls: Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, fumes, spray, or mists. Provide local exhaust for enclosed areas.

Individual protection measures, such as personal protective equipment

Eye / face protection: Avoid eye contact. Wear safety glasses or goggles

Skin protection - hand protection: Wear rubber, latex, or other chemical resistant gauntlet gloves.

Respiratory protection: Use with adequate ventilation. Wear a NIOSH approved multi-purpose air purifying respirator where vapors, mists or spray are excessive or exceed exposure limits.

Occupational hygiene practices: Wash thoroughly before eating, drinking, smoking, or using the facilities after handling any chemical product.

Other use precautions: Working eyewash stations and safety showers should be located in or near all areas where chemicals are stored or used.

9. Physical and chemical properties

Appearance: clear, colorless liquid

Odor: mild hydrocarbon odor

pH: not applicable - not water soluble

Initial boiling point and boiling range: (156°F) to (410°F)

Flash point: (-26°F) closed cup

Evaporation rate (n-butyl acetate = 1): 15.8

Notes: initial

Lower explosion limit / flammability limit: 1.2% (v/v)

Upper explosion limit / flammability limit: 7.7% (v/v)

Vapor pressure: 176 hPa at (68°F)

Relative vapor density: Heavier than air

Density: ~ 6.5

Solubility: negligible

Percent volatiles: 70 - 80% (wt)

VOC content: ~ 77

10. Stability and reactivity

Reactivity: No known reactions.

Dangerous polymerization: Will not occur

Conditions to avoid: Avoid exposure to sources of heat or ignition

Hazardous decomposition products: Oxides of carbon and silicon, organosilicon and hydrocarbon residues, formaldehyde

Incompatible materials: oxidizing agents.

11. Toxicological information

Acute toxicity

Acute oral toxicity LD₅₀: 25000 mg/kg (rat)

Notes: data for primary component (aliphatic hydrocarbon) - not for product

Acute inhalation toxicity LC₅₀: 48000 ppm (rat - 4 hr)

Notes: data for primary component (aliphatic hydrocarbon) - not for product

Notes: No toxicity data available for product

Skin corrosion / irritation: irritating to skin

Serious eye damage / irritation: Mild eye irritation (24 h - rabbit)

Reproductive toxicity: Overexposure may cause reproductive disorders, based on animal testing. Suspected of damaging fertility.

Specific Target Organ Toxicity - single exposure: May cause dizziness, drowsiness, or other depression of the central nervous system.

Specific Target Organ Toxicity - repeated exposure: Prolonged or repeated exposure may cause damage to peripheral nervous system

Aspiration hazard: May be fatal if swallowed and enter airways.

12. Ecological information

Aquatic toxicity, both acute and chronic

96-hour LC₅₀: > 2.5 mg/l (fathead minnow)

48-hour EC₅₀: > 3878 mg/l (daphnia)

Notes: data applicable to primary component (aliphatic hydrocarbon)

Environmental data: No available data for product

13. Disposal considerations

Disposal methods: Ship to a solvent reclamation facility or chemical incinerator. Liquid wastes cannot be landfilled. Unused product is classified as a hazardous waste. Follow all pertinent local, state, and Federal disposal regulations.

For large spills: See Section 6

Empty container: Empty containers may contain product vapors. Do not cut, weld, burn, or grind. Return empty containers for recycling.

RCRA hazard class: D001 - Flammable (flashpoint < 140 deg F)

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: UN1993, Flammable Liquid, n.o.s. (contains hexane and petroleum distillates), 3, II

IMO / IMDG - International

UN proper shipping name: UN1993, FLAMMABLE LIQUID, N.O.S. (contains Hexane and Petroleum distillates), 3, II

EmS: F-E, S-D

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Flammable liquid and vapor; Acute health hazard (eye and skin irritation); Acute inhalation hazard

313 reportable ingredients: Hexane

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA rq: 8930 lbs (as supplied)

TSCA (The Toxic Substances Control Act)

Chemical name	CAS No.
Petroleum distillate	68551-17-7
Aliphatic hydrocarbon	64742-49-0

TSCA Status: All other ingredients are included on the TSCA Inventory or are exempt

California Proposition 65: Contains no substances known to the State of California to cause cancer.

16. Other information

Reason for issue: New Address

Approved by: H. Zeller

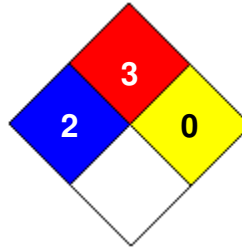
Prepared by: CSCC **Date revised:** 07/17/2024

Revision summary: This SDS replaces the 02/11/2022 SDS. Revised: **Section 1:** Reason for issue. **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health	3
Flammability	2
Physical hazard	0
Personal protection	X

NFPA codes



General statements: Amounts given herein (other than for regulatory purposes) are typical and do not represent a specification. Unspecified or unlisted components are proprietary, do not present a hazard at levels present, are not hazardous, and/or are present at levels below reportable limits. Exact percentage values for all components are proprietary in accordance with 29 CFR 1910.1200(i)

Manufacturer disclaimer: To the best of our knowledge, the information contained herein is accurate. However, no liability whatsoever is assumed for its accuracy and/or completeness. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown health or physical hazards and should be used with caution. Certain hazards are described herein, but no guarantee is made that these are the only hazards associated with the material that exist.