

## SAFETY DATA SHEET



Date Prepared : 01/24/2016  
SDS No : 5710

## TIRE BRIGHT

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** TIRE BRIGHT  
**GENERAL USE:** Tire Dressing and Brightener  
**PRODUCT CODE:** 5710

**MANUFACTURER**

JOHN-HENRY Enterprises, Inc.  
2813 Richland Ave  
Metairie, LA 70002  
**Emergency Contact:** H. Zeller  
**Emergency Phone:** 504-888-8989

**24 HR. EMERGENCY TELEPHONE NUMBERS**

US/Canada: 800-535-5053

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

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

**Environmental:**

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

**Physical:**

Flammable Liquids, Category 2

**GHS LABEL**

Environmental  
Hazard



Flame



Health hazard



Irritant

**SIGNAL WORD: DANGER****HAZARD STATEMENTS**

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 (refer to Section 11)  
H372: Causes damage to organs (refer to Section 11)

**PRECAUTIONARY STATEMENTS****General:**

P102: Keep out of reach of children.  
P103: Read label before use.  
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. (See section 4 for more complete information)  
 2647OCLL: IF SWALLOWED: Immediately call a POISON CENTER, doctor, or other qualified medical personnel. (See Section 4 for more details) 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 hazardous or special waste collection point.

**POTENTIAL HEALTH EFFECTS**

**EYES:** 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.

**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	Wt. %	CAS
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**

**EYES:** 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.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** 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.

**NOTES TO PHYSICIAN:** 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

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material. DO NOT USE water spray or 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.

**SENSITIVE 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

**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.

**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 GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Petroleum distillate	Supplier OEL	TWA	400	
Aliphatic hydrocarbon	ACGIH, NIOSH	TWA	50	
	OSHA PEL	TWA	500	

**ENGINEERING CONTROLS:** Maintain sufficient ventilation in storage and use areas to prevent the accumulation of product vapors, spray, or mists. Provide local exhaust for enclosed areas.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Avoid eye contact. Wear safety glasses or goggles

**SKIN:** Wear rubber, latex, or other chemical resistant gauntlet gloves.

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

**WORK HYGIENIC 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

**ODOR:** mild hydrocarbon odor

**APPEARANCE:** clear, colorless liquid

**pH:** not applicable - not water soluble

**PERCENT VOLATILE:** 70 - 80% (wt)

**FLASH POINT AND METHOD:** (-26°F) closed cup

**FLAMMABLE LIMITS:** 1.2% (v/v) to 7.7% (v/v)

**VAPOR PRESSURE:** 176 hPa at (68°F)

**VAPOR DENSITY:** Heavier than air

**BOILING POINT:** (156°F) to (410°F)

**SOLUBILITY IN WATER:** negligible

**EVAPORATION RATE:** 15.8

**Notes:** initial

**DENSITY:** ~ 6.5

**(VOC):** ~ 77.000

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** No known reactions.

**HAZARDOUS 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

**ORAL LD<sub>50</sub>:** 25000 mg/kg (rat)

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

**INHALATION LC<sub>50</sub>:** 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.

**STOT-single exposure:** May cause dizziness, drowsiness, or other depression of the central nervous system.

**STOT-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

**ENVIRONMENTAL DATA:** No available data for product

### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** > 2.5 mg/l (fathead minnow)

**48-HOUR EC<sub>50</sub>:** > 3878 mg/l (daphnia)

**Notes:** data applicable to primary component (aliphatic hydrocarbon)

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Ship to a solvent reclamation facility or chemical incenerator. 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

### DOT (DEPARTMENT OF TRANSPORTATION)

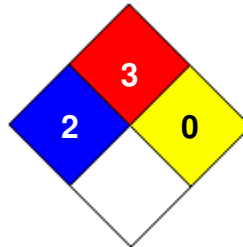
**PROPER SHIPPING NAME:** UN1993, Flammable Liquid, n.o.s. (contains hexane and petroleum distillates), 3, II

**VESSEL (IMO/IMDG)****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 TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Flammable liquid and vapor; Acute health hazard (eye and skin irritation); Acute inhalation hazard**FIRE:** Yes **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** Yes**313 REPORTABLE INGREDIENTS:** Hexane**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA RQ:** 8930 lbs (as supplied)**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
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 Product**APPROVED BY:** H. Zeller**PREPARED BY:** CSCC **Date Prepared:** 01/24/2016**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>3</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>2</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input checked="" type="checkbox"/>	<b>X</b>

**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.