

# PURPOSE PERFORMER



**Bryan Jackson**  
**STUNT SHOWS**

 bryanjackson25

 bryan jackson

 VerticalAMM



OFFICIAL MERCH



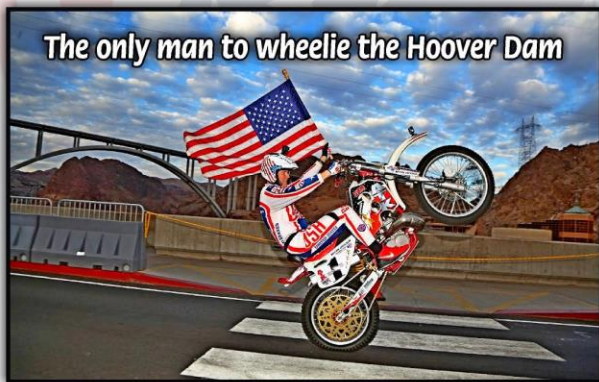
[www.BryanJacksonStuntShows.com](http://www.BryanJacksonStuntShows.com)

Eastland, Texas (254) 631-1596



## #ThePreacherman #TheWheelieKing

Bryan & Tina are the founders of Vertical Adrenaline Motocross Ministries, a 501(c)(3) non-profit. Bryan is a Multi-World Record Holder by both OWR and Guinness, and a Former Multi-Time World & USA Motocross Champion. They travel the country together doing re-enactments from his (5) World Records, along with an incredible story of 100+ Years on Motorcycles in his family. Their show is very unique using rarely seen patriotic wheelie and fire performances with one-of-a-kind stunts units. Tina produces the shows controlling all the special effects including fire, smoke, fog and in many cases an LED wall with choreograph music and video runs. They average a 100 a shows a year and have been featured on most all major TV broadcasts from FOX News National to Fox Sports and have been seen by over 1,000,000 viewers worldwide in the last year. Bryan and Tina are Chaplins of the highly recognized Arena Motocross Outlaws Tour along with the infamous Moto Xtreme Circus.



Bryan is a non-denominational Pastor and licensed FCA Chaplin that travels the country doing shows as a platform to captivate and inspire people to pursue Jesus Christ. He performs in front of over 100,000 people annually that includes public schools, churches, parades, arenas, and stadiums. His performances and travels have been covered on ABC, NBC, MAV TV, Fox News as well as in 2 documentary movies, "Ultimate Adrenaline" and "Adrenaline with The Preacherman". In 2019 Bryan became the first person to ever wheelie the Hoover Dam, granted by the Department of Interior and featured in the video movie titled, "Ride in our Blood".

### PURPOSE

- Use world class talent to entertain with purpose.
- Encouraging people to come to know Christ.
- Use innovative ways of drawing people to Church.
- Energize existing believers with their FAITH.
- Provide newfound confidence in how God empowers.
- Foster being the best you can be.
- Use dynamic passion to change culture.



**Festivals | Schools | Church Camps | Parades | Fairs | Exhibitions | TV**

BRYAN JACKSON STUNT SHOWS  
WWW.BRYANJACKSONSTUNTSHOWS.COM  
EASTLAND TEXAS (254) 631-1596



*In compliance and accordance with the NFPA 160*

## **GROUP VI CLASSIFICATION FLAME EFFECTS INFORMATIONAL**

Bryan Jackson, 400 N Hillcrest, Eastland TX 76448 | 254-631-1596 | bryan@ebryans.com

### **Bryan Jackson Stunt Shows – Vertical Adrenaline Ministries – a 501©3 Non-Profit**

General Tire Arenacross | Moto Xtreme Circus | River of Live Church | Village Creek MX Park | Royal Legacy

REGISTERED & LICENSED WITH THE TEXAS STATE FIRE MARSHALS OFFICE #FEO-2774186

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Name of person (LICENSEE) responsible for production **BRYAN JACKSON** *(Insurance exceeding NFPA 160 requirements - Attached)*

Assistant(s) \_\_\_\_\_

START Date & Time \_\_\_\_\_ END Date & Time \_\_\_\_\_

Location of Event \_\_\_\_\_ Flame Effects Layout Example *(attached)* \_\_\_\_\_

Holding / Storage Location \_\_\_\_\_

*In compliance with the NFPA 160, only the total amount of fuels used for the production will be in storage.*

### **OPERATING PROCEDURES – \* FIRE BOXES (MSDS ATTACHED)**

Master rocker flip switch (ORANGE) under production table on spool extension cable (1) and Master rocker flip switch (ORANGE) on control table at far left of switch panel (2) controls READY TO FIRE on fire box systems. *(See attached)*

*\* Coverage: 5-8 feet | Duration: 1-3 Seconds per blast | Fire Shape: Mushroom | Fuel: Aerosol Category 1 - 11oz*

### **OPERATING PROCEDURES – STUNT UNITS \*(1) Motorcycle \*\* (2) 3-Wheeler (MSDS ATTACHED)**

This is only controlled solely by licensee - performer Bryan Jackson. Each stunt unit has fail-safe electrical switches, and manual on-off valves with listed brass effect solenoids.

*\* Coverage: 5-8 feet | Duration: 1-3 Seconds per blast | Fire Shape: Mushroom | Fuel: Aerosol Category 1 - 11oz*

*\*\* Coverage/Duration: Variable through ¼ nozzle on board switch controlled | Fuel: Liquid Class 3 Category 2 - 32oz*

### **OPERATING PROCEDURES – \* Floor/Ground burns (MSDS ATTACHED)**

Open container pour on floor and/or ground for open flame burn - controlled by licensee Bryan Jackson and/or appointed assistant over 21 years of age, per the NFPA 160 guidelines.

*\* Coverage/Duration: 12'X12' variations of design | Fuel: Liquid Class 3 Category 2 - 128oz*

## **ADDITIONAL SITE PLAN INFORMATION ATTACHED**

Print / Sign: Licensee \_\_\_\_\_

Print / Sign: Authority Having Jurisdiction \_\_\_\_\_

Print / Sign: Building Owner-Representative \_\_\_\_\_

PERMIT #: \_\_\_\_\_



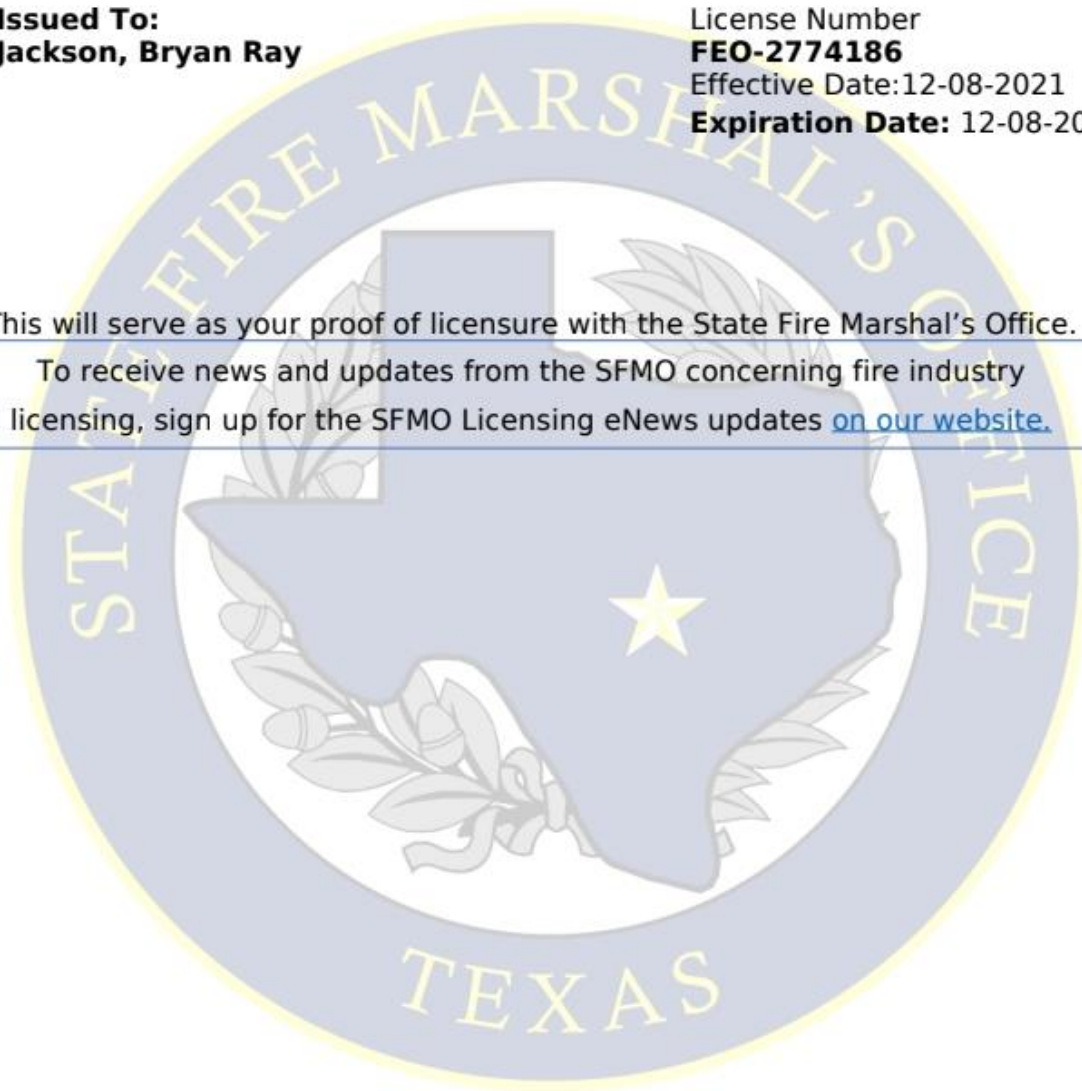
**FIREWORKS FLAME EFFECTS OPERATOR'S LICENSE**  
**TEXAS DEPARTMENT OF INSURANCE**  
**STATE FIRE MARSHAL'S OFFICE**

**Issued To:**  
**Jackson, Bryan Ray**

License Number  
**FEO-2774186**  
Effective Date: 12-08-2021  
**Expiration Date:** 12-08-2025

This will serve as your proof of licensure with the State Fire Marshal's Office.

To receive news and updates from the SFMO concerning fire industry licensing, sign up for the SFMO Licensing eNews updates [on our website.](#)





# CERTIFICATE OF LIABILITY INSURANCE

DATE  
(MM/DD/YYYY)  
05/28/2024

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Specialty Insurance Agency Performers of the U.S. 3432 Denmark Ave #231 Eagan, MN 55123	<b>Contact Name:</b> Heather Weiss Zenzen <b>Phone:</b> 715-246-8908 <b>FAX:</b> 715-246-8908 <b>Email:</b> info@specialtyinsuranceagency.com	
<b>INSURED PERFORMERS OF THE U.S. AND ITS PARTICIPATING MEMBERS:</b> Bryan Ray Jackson dba Bryan Jackson Stunt Shows, Vertical Adrenaline Motocross Ministries 925 East Main Eastland, TX 76448	<b>INSURERS AFFORDING COVERAGE</b>	<b>NAIC #</b>
	INSURER A: Evanston Insurance Company	35378
	INSURER B:	
	INSURER C:	
	INSURER D:	

## COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC	X	X	2CN0181-22187	07/01/2024	07/01/2025 12:01am	EACH OCCURRENCE	\$ 3,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$ 300,000
							MED EXP (Any one person)	\$ 5,000
							PERSONAL & ADV INJURY	\$ 3,000,000
							GENERAL AGGREGATE	\$ 5,000,000
							PRODUCTS - COMP/OP AGG	\$ 5,000,000
A	PERFORMER ASSISTANT(S) 1x Assistant(s)			2CN0181-22187	07/01/2024	07/01/2025 12:01am	EACH OCCURRENCE AGGREGATE	\$ 3,000,000 \$ 5,000,000
A	BUSINESS PERSONAL PROPERTY - INLAND MARINE			2CN0181-22187	07/01/2024	07/01/2025 12:01am	AGGREGATE	\$ 10,000
A	SEXUAL ABUSE AND MOLESTATION <input type="checkbox"/> OCCUR						EACH OCCURRENCE AGGREGATE	\$ \$
A	DATA BREACH AND CYBER LIABILITY COVERAGE						AGGREGATE	\$
A	EQUIPMENT LEASED OR RENTED						AGGREGATE	\$

**DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS**  
PERFORMER IS A NAMED INSURED AS A MEMBER OF PERFORMERS OF THE U.S.:  
Bryan Ray Jackson dba Bryan Jackson Stunt Shows, Vertical Adrenaline Motocross Ministries plus 1x assistant(s)  
  
Insured for: Clown, Emcee, Public Speaker, Fire Performer

## CERTIFICATE HOLDER

Bryan Ray Jackson  
dba Bryan Jackson Stunt Shows, Vertical Adrenaline Motocross Ministries  
925 East Main  
Eastland, TX 76448

## CANCELLATION

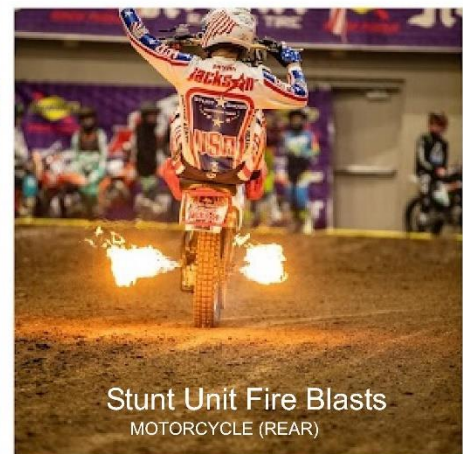
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE INSURER AFFORDING COVERAGE WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

*Heather Weiss Zenzen*



## Flame Effects Master Control





## Fire Box Blasts OUTDOORS



## Metal Enclosed Flame Boxes used in production 22"X8"



Stationary 110v UL Listed  
Stunt Units 12v UL Listed  
200 watt

BRASS "EFFECT" VALVE  
NORMALLY CLOSED

EMERGENCY POWER OFF  
CLOSES VALVE



## SAFETY DATA SHEET

### 1. Identification

Product identifier	Jump Start® Starting Fluid
Other means of identification	
Product Code	No. 05671 (Item# 1003843)
Recommended use	Starting fluid
Recommended restrictions	None known.
Manufacturer/importer/Supplier/Distributor information	
Manufactured or sold by:	
Company name	CRC Industries, Inc.
Address	885 Louis Dr. Warminster, PA 18974 US
Telephone	
General Information	215-674-4300
Technical Assistance	800-521-3168
Customer Service	800-272-4620
24-Hour Emergency (CHEMTREC)	800-424-9300 (US) 703-527-3887 (International)
Website	www.crcindustries.com

### 2. Hazard(s) identification

Physical hazards	Flammable aerosols	Category 1
	Gases under pressure	Compressed gas
Health hazards	Skin corrosion/irritation	Category 2
	Carcinogenicity	Category 2
	Specific target organ toxicity, single exposure	Category 3 narcotic effects
	Aspiration hazard	Category 1
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 2
	Hazardous to the aquatic environment, long-term hazard	Category 3
OSHA defined hazards	Not classified.	
Label elements		



Signal word	Danger
Hazard statement	Extremely flammable aerosol. Contains gas under pressure; may explode if heated. May be fatal if swallowed and enters airways. Causes skin irritation. May cause drowsiness or dizziness. Suspected of causing cancer. Toxic to aquatic life with long lasting effects.

Material name: Jump Start® Starting Fluid	SDS US
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Fire-fighting equipment/instructions	In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up.
General fire hazards	Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Prevent product from entering drains. Stop the flow of material. If this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container. Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label. Level 3 Aerosol.
Conditions for safe storage, including any incompatibilities	Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

### 8. Exposure controls/personal protection

Occupational exposure limits		
The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.		
US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)		
Components	Type	Value
carbon dioxide (CAS 124-38-9)	PEL	9000 mg/m3
		5000 ppm
chloroethane (CAS 75-00-3)	PEL	2600 mg/m3
		1000 ppm
diethyl ether (CAS 60-29-7)	PEL	1200 mg/m3
		400 ppm
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	PEL	400 mg/m3
		100 ppm
ethanol (CAS 64-17-5)	PEL	1900 mg/m3
		1000 ppm

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### Precautionary statement

Prevention	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Avoid breathing mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment.
Response	If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If exposed or concerned: Get medical advice/attention.
Storage	Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst. Dispose of contents/container in accordance with local/regional/national regulations.
Disposal	None known.

### 3. Composition/information on ingredients

Mixtures			
Chemical name	Common name and synonyms	CAS number	%
heptane, branched, cyclic and linear		426260-78-6	70 - 80
diethyl ether		60-29-7	10 - 20
carbon dioxide		124-38-9	5 - 10
ethanol		64-17-5	< 1.5
chloroethane		75-00-3	< 1
distillates (petroleum), hydrotreated light		64742-47-8	< 1

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Remove contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	None known.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

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US. ACGIH Threshold Limit Values		
Components	Type	Value
carbon dioxide (CAS 124-38-9)	STEL	30000 ppm
	TWA	5000 ppm
chloroethane (CAS 75-00-3)	TWA	100 ppm
diethyl ether (CAS 60-29-7)	STEL	500 ppm
	TWA	400 ppm
ethanol (CAS 64-17-5)	STEL	1000 ppm
US. NIOSH: Pocket Guide to Chemical Hazards		
Components	Type	Value
carbon dioxide (CAS 124-38-9)	STEL	54000 mg/m3
	TWA	30000 ppm
		9000 mg/m3
		5000 ppm
distillates (petroleum), hydrotreated light (CAS 64742-47-8)	TWA	100 mg/m3
ethanol (CAS 64-17-5)	TWA	1900 mg/m3
		1000 ppm

Biological limit values	No biological exposure limits noted for the ingredient(s).
Exposure guidelines	
US - California OELs: Skin designation	
chloroethane (CAS 75-00-3)	Can be absorbed through the skin.
US ACGIH Threshold Limit Values: Skin designation	
chloroethane (CAS 75-00-3)	Can be absorbed through the skin.
Appropriate engineering controls	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash fountain and emergency showers are recommended.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles).
Skin protection	
Hand protection	Wear protective gloves such as: Nitrile. Butyl rubber.
Other	Wear appropriate chemical resistant clothing.
Respiratory protection	If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Aerosol.
Color	Colorless.
Odor	Hydrocarbon-like.
Odor threshold	Not available.
pH	Not available.
Melting point/freezing point	-189.9 °F (-123.3 °C) estimated

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Initial boiling point and boiling range	94.3 °F (34.6 °C) estimated
Flash point	< 20 °F (< -6.7 °C) Tag Closed Cup
Evaporation rate	Fast.
Flammability (solid, gas)	Not available.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	0.5 % estimated
Flammability limit - upper (%)	36.5 % estimated
Vapor pressure	5024.7 hPa estimated
Vapor density	> 1 (air = 1)
Relative density	0.7
Solubility (water)	Slightly soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	320 °F (160 °C) estimated
Decomposition temperature	Not available.
Viscosity (kinematic)	< 20 cSt (104 °F (40 °C))
Percent volatile	100 %

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Heat, flames and sparks. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Aluminum.
Hazardous decomposition products	Carbon oxides. Acid smoke.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**Symptoms related to the physical, chemical and toxicological characteristics**  
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Skin irritation. May cause redness and pain.

### Information on toxicological effects

**Acute toxicity**  
May be fatal if swallowed and enters airways.

Components	Species	Test Results
diethyl ether (CAS 80-29-7)		
<b>Acute</b>		
Inhalation		
LC50	Rat	32000 ppm, 4 Hours
<b>Oral</b>		
LD50	Rat	3230 - 3920 mg/kg

Material name: Jump Start® Starting Fluid  
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Components	Species	Test Results
distillates (petroleum), hydrotreated light (CAS 54742-47-8)		
<b>Aquatic</b>		
<b>Acute</b>		
Crustacea	EC50	Water flea (Daphnia magna) 1.1 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 3 mg/l, 96 hours
ethanol (CAS 64-17-5)		
<b>Aquatic</b>		
<b>Acute</b>		
Crustacea	EC50	Water flea (Daphnia magna) 7.7 - 11.2 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) > 100 mg/l, 96 hours
heptane, branched, cyclic and linear (CAS 426260-76-6)		
<b>Aquatic</b>		
<b>Acute</b>		
Crustacea	EC50	Water flea (Daphnia magna) 1.5 mg/l, 48 hours

\* Estimates for product may be based on additional component data not shown.

### Persistence and degradability

#### Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)	1.43
chloroethane	0.99
diethyl ether	-0.31
ethanol	

**Mobility in soil**  
No data available.

**Other adverse effects**  
No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

### Disposal of waste from residues / unused products

If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose in accordance with all applicable regulations.

**Hazardous waste code**  
D001: Waste Flammable material with a flash point <140 F

**Contaminated packaging**  
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

### DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-
Label(s)	2.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None

### IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable, Limited Quantity
Transport hazard class(es)	
Class	2.1
Subsidiary risk	-

Material name: Jump Start® Starting Fluid  
No. 05671 (Item# 1003843) Version #: 01 Issue date: 08-29-2017

Components	Species	Test Results
distillates (petroleum), hydrotreated light (CAS 54742-47-8)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
ethanol (CAS 64-17-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	20 g/kg
<b>Inhalation</b>		
LC50	Rat	8000 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	6.2 g/kg
heptane, branched, cyclic and linear (CAS 426260-76-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 60 mg/l, 4 hours
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg

\* Estimates for product may be based on additional component data not shown.

<b>Skin corrosion/irritation</b>	Causes skin irritation.
<b>Serious eye damage/eye irritation</b>	Direct contact with eyes may cause temporary irritation.
<b>Respiratory sensitization</b>	Not a respiratory sensitizer.
<b>Skin sensitization</b>	This product is not expected to cause skin sensitization.
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
<b>Carcinogenicity</b>	Suspected of causing cancer.
<b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>	
chloroethane (CAS 75-00-3)	3 Not classifiable as to carcinogenicity to humans.
diethyl ether (CAS 60-29-7)	3 Not classifiable as to carcinogenicity to humans.
<b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>	
Not regulated.	
<b>US. National Toxicology Program (NTP) Report on Carcinogens</b>	
Not listed.	

<b>Reproductive toxicity</b>	This product is not expected to cause reproductive or developmental effects.
<b>Specific target organ toxicity - single exposure</b>	May cause drowsiness and dizziness.
<b>Specific target organ toxicity - repeated exposure</b>	Not classified.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways. If aspirated into lungs during swallowing or vomiting, may cause chemical pneumonia, pulmonary injury or death.
<b>Chronic effects</b>	Prolonged inhalation may be harmful.

## 12. Ecological information

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

Components	Species	Test Results
diethyl ether (CAS 60-29-7)		
<b>Aquatic</b>		
Fish	LC50	Fathead minnow (Pimephales promelas) 2560 mg/l, 96 hours

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<b>Packing group</b>	Not applicable.
<b>ERG Code</b>	10L.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.
<b>IMDG</b>	
<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS, Limited Quantity
<b>Transport hazard class(es)</b>	
Class	2.1
<b>Subsidiary risk</b>	-
<b>Packing group</b>	Not applicable.
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	No.
<b>EMS</b>	Not available.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.

## 15. Regulatory information

**US federal regulations**  
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**  
Not regulated.

**SARA 304 Emergency release notification**  
Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**  
Not regulated.

**US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance**

chloroethane (CAS 75-00-3)

**CERCLA Hazardous Substance List (40 CFR 302.4)**

chloroethane (CAS 75-00-3) Listed.

diethyl ether (CAS 60-29-7) Listed.

**CERCLA Hazardous Substances: Reportable quantity**

chloroethane (CAS 75-00-3) 100 LBS

diethyl ether (CAS 60-29-7) 100 LBS

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

chloroethane (CAS 75-00-3)

diethyl ether (CAS 60-29-7)

**Safe Drinking Water Act**  
Not regulated.

**(SDWA)**

**Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number**

diethyl ether (CAS 60-29-7) 6584

**Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))**

diethyl ether (CAS 60-29-7) 35 %VV

**DEA Exempt Chemical Mixtures Code Number**

diethyl ether (CAS 60-29-7) 6584

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

ethanol (CAS 64-17-5) Low priority

**Food and Drug Administration (FDA)**  
Not regulated.

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Superfund Amendments and Reauthorization Act of 1986 (SARA)		
Section 311/312	Immediate Hazard - Yes	
Hazard categories	Delayed Hazard - Yes	
	Fire Hazard - Yes	
	Pressure Hazard - Yes	
	Reactivity Hazard - No	
SARA 302 Extremely hazardous substance	No	
US state regulations		
US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))		
	chloroethane (CAS 75-00-3)	
US. New Jersey Worker and Community Right-to-Know Act		
	carbon dioxide (CAS 124-38-9)	
	chloroethane (CAS 75-00-3)	
	diethyl ether (CAS 60-29-7)	
	ethanol (CAS 64-17-5)	
US. Massachusetts RTK - Substance List		
	carbon dioxide (CAS 124-38-9)	
	chloroethane (CAS 75-00-3)	
	diethyl ether (CAS 60-29-7)	
	ethanol (CAS 64-17-5)	
US. Pennsylvania Worker and Community Right-to-Know Law		
	carbon dioxide (CAS 124-38-9)	
	chloroethane (CAS 75-00-3)	
	diethyl ether (CAS 60-29-7)	
	distillates (petroleum), hydrotreated light (CAS 64742-47-8)	
	ethanol (CAS 64-17-5)	
US. Rhode Island RTK		
	carbon dioxide (CAS 124-38-9)	
	chloroethane (CAS 75-00-3)	
	diethyl ether (CAS 60-29-7)	
	ethanol (CAS 64-17-5)	
US. California Proposition 65		
WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.		
US - California Proposition 65 - CRT: Listed date/Carcinogenic substance		
	chloroethane (CAS 75-00-3)	Listed: July 1, 1990
US - California Proposition 65 - CRT: Listed date/Developmental toxin		
	toluene (CAS 108-88-3)	Listed: January 1, 1991
Volatile organic compounds (VOC) regulations		
EPA		
	VOC content (40 CFR 51.100(s))	94.5 %
	Consumer products (40 CFR 59, Subpt. C)	Not regulated
State		
	Consumer products	Not regulated
	VOC content (CA)	94.5 %
	VOC content (OTC)	94.5 %
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No

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Country(s) or region	Inventory name	On inventory (yes/no)*
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)  
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### 16. Other information, including date of preparation or last revision

Issue date	08-29-2017
Prepared by	Allison Yoon
Version #	01
Further information	Not available.
HMIS® ratings	Health: 1* Flammability: 4 Physical hazard: 0 Personal protection: B
NFPA ratings	Health: 1 Flammability: 4 Instability: 0
NFPA ratings	
Disclaimer	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. This information is accurate to the best of CRC's knowledge or obtained from sources believed by CRC to be accurate. Before using any product, read all warnings and directions on the label. For further clarification of any information contained on this (M)SDS consult your supervisor, a health & safety professional, or CRC Industries, Inc..
Revision Information	This document has undergone significant changes and should be reviewed in its entirety.

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**Safety Data Sheet**

Transport of Dangerous Goods by Road (ADR)  
Proper Shipping Name: Petroleum Distillates, n.o.s.  
UN Number: 1268  
Hazard Class: 3  
Packing Group: II  
Marine Pollutant: No

Transport of Dangerous Goods by Rail (RID)  
Proper Shipping Name: Petroleum Distillates, n.o.s.  
UN Number: 1268  
Hazard Class: 3  
Packing Group: II  
Marine Pollutant: No

International Air Transport Association (IATA)  
Proper Shipping Name: Petroleum Distillates, n.o.s.  
UN Number: 1268  
Hazard Class: 3  
Packing Group: II  
Marine Pollutant: No

#### SECTION 15 - REGULATORY INFORMATION

#### SECTION 16 - ANY OTHER RELEVANT INFORMATION

This SDS contains only safety-related information. For other data see product literature.

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

#### Manufacturer Disclaimer:

The information contained herein is based upon data available to us and reflects our best professional judgment. However no warranty of merchantability, fitness for any use, or other warranty is expressed or implied regarding the accuracy of such data, the results to be obtained from the use thereof, or that any such use does not infringe any patent. Since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume any responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

#### Within the US:

The Coleman Company, Inc.  
3600 N Hydraulic  
Wichita, Kansas 67219  
Phone: 1 800 835 3278 (bus hours)  
American Association of Poison Control Centers: 1 800 222 1222

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

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**Safety Data Sheet**

Within Australia:  
Coleman Brands Pty Limited  
Suite W2C1, 75-85 O'Riordan St  
Sydney Corporate Park, Alexandria, NSW 2015  
Phone: 1 800 224 350 (bus hours)  
Poisons Information Centre: 13 1126 within Australia, 0800 764 766 in New Zealand

Within Canada:  
Sunbeam Corporation (Canada) Limited  
208 Hereford Street  
Brampton, Ontario L6Y 0M1  
Phone: 1 800 387 6161 (bus hours)  
Poison and Drug Information Services: 1 866 454 1212

Within United Kingdom:  
Coleman UK Ltd  
Kestrel Court, Harbour Road - Portishead  
Bristol, BS20 7AN - England  
Phone: 44 (0)1275 845024 (bus hours)  
National Poisons Information Service: 0845 4647 in England & Wales, 08454 24 24 24 in Scotland,  
01 809 2166 in Republic of Ireland

#### Revisions:

6/30/2014 Added Environmental Control information to Section 8, Marine Pollutant information to Section 14 and Campingaz United Kingdom contact information.

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US

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**Safety Data Sheet**

Chemical Emergencies CHEMTREC: 1 800 424 9300 within US, 703 527 3887 outside US