Safety Data Sheet
EnviroBurn®

1. Identification

PRODUCT IDENTIFIER

Product identity EnviroBurn®

RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Intended use Drip Torch Fuel

DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Company Name
Escogo LLC.
941 Monroe Jersey Road
Monroe Georgia 30655,USA

Contact information
Telephone: +1 770-464-5564
Email: info@escogo.com

EMERGENCY TELEPHONE NUMBER

CHEMTREC (USA): (800) 424-9300

2. Hazard(s) identification

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Flam. Liq. 3;H226	Flammable liquid and vapor.
Skin Irrit. 2;H315	Causes skin irritation.
Carc. 2;H351	Suspected of causing cancer.
Repr. 2;H361D	Suspected of damaging the unborn child.
STOT SE 3;H336	May cause drowsiness or dizziness.
STOT RE 2;H373	May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: (blood system, liver, thymus gland)
Asp. Tox. 1, H304	May be fatal if swallowed and enters airways.
Aquatic Chronic 2;H411	Toxic to aquatic life with long lasting effects.

2.2. Label elements

DANGER

H226 Flammable liquid and vapor.
H315 Causes skin irritation.
H336 May cause drowsiness and dizziness.
H351 Suspected of causing cancer.
H361d Suspected of damaging the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H304 May be fatal if swallowed and enters airways.
H411 Toxic to aquatic life with long lasting effects.

[Prevention]:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.
P233 Keep container tightly closed.
P240 Ground / bond container and receiving equipment.
P241 Use explosion-proof electrical / ventilating / light / equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust / fume / gas / mist / vapors / spray.
P262 Do not get in eyes, on skin, or on clothing.
P264 Wash thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P280 Wear protective gloves / eye protection / face protection.

[Response]:

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.
P302+352 IF ON SKIN: Wash with plenty of soap and water.
P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P304+312 IF INHALED: Call a POISON CENTER or doctor / physician if you feel unwell.
P308+313 IF exposed or concerned: Get medical advice / attention.
P314 Get Medical advice / attention if you feel unwell.
P321 Specific treatment (see information on this label).
P331 Do NOT induce vomiting.

P332+313 If skin irritation occurs: Get medical advice / attention.
P362 Take off contaminated clothing and wash before reuse.
P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.
P391 Collect spillage.

[Storage]:

P403+233 Store in a well ventilated place. Keep container tightly closed.
P405 Store locked up.

[Disposal]:

P501 Dispose of contents / container in accordance with local / national regulations.

3. Composition/information on ingredients

MIXTURES

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Soybean oil, methyl ester CAS Number: 0067784-80-9	25 - 50	Not Classified	[1]
Naphtha CAS Number: 0008030-30-6	25 - 50	Asp. Tox. 1;H304	[1][2]
Fuels, diesel, C9-18-alkane branched and linear CAS Number: 1159170-26-9	10 - 25	Flam. Liq. 3;H226 Acute Tox. 4;H332 Skin Irrit. 2;H315 Carc. 2;H351 Asp. Tox. 1;H304 Aquatic Acute 2;H401 Aquatic Chronic 2;H411 STOT RE 2;H373	[1]
Hexane (N-Hexane) CAS Number: 0000110-54-3	5 - 10	Flam. Liq. 2;H225 Repr. 2;H361f Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Chronic 2;H411	[1][2]
Heptane CAS Number: 0000142-82-5	5 - 10	Flam. Liq. 2;H225 Asp. Tox. 1;H304 Skin Irrit. 2;H315 STOT SE 3;H336 Aquatic Acute 1;H400 Aquatic Chronic 1;H410	[1][2]
Pentane CAS Number: 0000109-66-0	5 - 10	Flam. Liq. 2;H225 Asp. Tox. 1;H304 STOT SE 3;H336 Aquatic Chronic 2;H411	[1][2]
Toluene CAS Number: 0000108-88-3	0.10 - 1.0	Flam. Liq. 2;H225 Repr. 2;H361d Asp. Tox. 1;H304 STOT RE 2;H373 Skin Irrit. 2;H315 STOT SE 3;H336	[1][2]

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.
[1] Substance classified with a health or environmental hazard.
[2] Substance with a workplace exposure limit.

4. First aid measures

DESCRIPTION OF FIRST AID MEASURES

General Never give anything by mouth to an unconscious person.
In all cases of doubt, or when symptoms persist, seek medical attention.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Ingestion May irritate stomach and intestines. If swallowed may be aspirated into lungs resulting in pulmonary edema and chemical pneumonitis. Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Inhalation	May cause drowsiness or dizziness.
Skin	Causes skin irritation.

5. Fire-fighting measures

FLAMMABILITY

Flammability	Flash Point: < 100F (Setaflash Closed Cup)

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal.

Hazardous decomposition: Combustion produces carbon monoxide, carbon dioxide, and thick smoke.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep container tightly closed.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

ADVICE FOR FIRE-FIGHTERS

Vapors are heavier than air and may travel considerable distances to sources of ignition and then flash back.

Evacuate area of all unnecessary personnel. Shut off source if possible. Water may be ineffective on the flames, but water should be used to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for the persons attempting to stop the leak.

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6. Accidental release measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Put on appropriate personal protective equipment (see section 8).

Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal.

Use supplied-air mask for large spills or in confined areas.

ENVIRONMENTAL PRECAUTIONS

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Oil soaked rags can cause spontaneous combustion if not handled properly. Wash rags with soap and water before disposal.

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

7. Handling and storage

PRECAUTIONS FOR SAFE HANDLING

Store in closed containers below 100 °F

See section 2 for further details. - [Prevention]:

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Incompatible materials: This substance is not compatible with strong oxidizing agents, strong acids, strong bases, acetyl bromide, alkyl aluminum solutions, beryllium hydride, boron trichloride, with carbon tetrachloride and metals, chloroform and sodium or sodium hydroxide, cyanuric chloride, dichloromethane and air, diethylzinc, hydrogen and raney nickel catalyst.

See section 2 for further details. - [Storage]:

8. Exposure controls and personal protection

CONTROL PARAMETERS

Exposure

CAS No.	Ingredient	Source	Value
0000108-88-3	Toluene	OSHA	TWA (OSHA) 200 ppm C 300 ppm 500 ppm (10-minute maximum peak) STEL 150 ppm
		ACGIH	TWA: 20 ppm R
		NIOSH	TWA 100 ppm (375 mg/m3) ST 150 ppm (560 mg/m3)
0000109-66-0	Pentane	OSHA	TWA 1000 ppm (2950 mg/m3)
		ACGIH	TWA: 1000 ppm
		NIOSH	TWA 120 ppm (350 mg/m3) C 610 ppm (1800 mg/m3) [15-minute]
0000110-54-3	Hexane (N-Hexane)	OSHA	TWA 500 ppm (1800 mg/m3)
		ACGIH	TWA: 20 ppm Skin
		NIOSH	TWA 50 ppm (180 mg/m3)
0000142-82-5	Heptane	OSHA	TWA 500 ppm (2000 mg/m3)
		ACGIH	TWA: 400 ppm STEL: 500 ppm
		NIOSH	TWA 85 ppm (350 mg/m3) C 440 ppm (1800 mg/m3) [15-minute]
0008030-30-6	Naphtha	OSHA	TWA 100 ppm (400 mg/m3)
		ACGIH	No Established Limit
		NIOSH	TWA 100 ppm (400 mg/m3)
0067784-80-9	Soybean oil, methyl ester	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
1159170-26-9	Fuels, diesel, C9-18-alkane branched and linear	OSHA	No Established Limit
		ACGIH	No Established Limit
		NIOSH	No Established Limit
		Supplier	No Established Limit

EXPOSURE CONTROLS

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Goggles recommended. Do not wear contact lenses.

Skin Wear overalls to keep skin contact to a minimum. Gloves resistant to chemicals and petroleum distillates required.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Liquid
Odor	Standard
Odor threshold	Not determined
pH	No information found
Melting point / freezing point	No information found
Initial boiling point and boiling range	> 100 °F
Flash Point	< 100 °F
Evaporation rate (Ether = 1)	No information found
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	**Lower Explosive Limit:** Not Measured **Upper Explosive Limit:** Not Measured
Vapor pressure (Pa)	No information found
Vapor Density	No information found
Specific Gravity	Not Measured
Solubility in Water	Not Measured
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured

Decomposition temperature	Not Measured
Viscosity (cSt)	< 20.5 cSt

10. Stability and reactivity

REACTIVITY
Hazardous Polymerization will not occur.

CHEMICAL STABILITY
Stable under normal circumstances.

POSSIBILITY OF HAZARDOUS REACTIONS
No data available.

CONDITIONS TO AVOID
Keep away from oxidizing agents, excessive heat, and ignition sources.

INCOMPATIBLE MATERIALS
This substance is not compatible with strong oxidizing agents, strong acids, strong bases, acetyl bromide, alkyl aluminum solutions, beryllium hydride, boron trichloride, with carbon tetrachloride and metals, chloroform and sodium or sodium hydroxide, cyanuric chloride, dichloromethane and air, diethylzinc, hydrogen and raney nickel catalyst.

HAZARDOUS DECOMPOSITION PRODUCTS
Combustion produces carbon monoxide, carbon dioxide, and thick smoke.

11. Toxicological information

ACUTE TOXICITY
Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Soybean oil, methyl ester - (67784-80-9)	> 5,000.00, Rat - Category: NA	>2,000.00, Rabbit - Category: 5	No data available	No data available	No data available
Naphtha - (8030-30-6)	No data available	No data available	No data available	No data available	No data available
Fuels, diesel, C9-18-alkane branched and linear - (1159170-26-9)	No data available	No data available	No data available	No data available	No data available
Hexane (N-Hexane) - (110-54-3)	25,000.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	No data available	No data available	48,000.00, Rat - Category: NA
Heptane - (142-82-5)	17,000.00, Rat - Category: NA	3,000.00, Rabbit - Category: 5	103.00, Rat - Category: NA	No data available	No data available
Pentane - (109-66-0)	5,000.00, Mouse - Category: 5	3,000.00, Rabbit - Category: 5	364.00, Rat - Category: NA	No data available	No data available
Toluene - (108-88-3)	636.00, Rat - Category: 4	8,400.00, Rabbit - Category: NA	No data available	No data available	No data available

Carcinogen Data

CAS No.	Ingredient	Source	Value
0000108-88-3	Toluene	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No;
0000109-66-0	Pentane	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000110-54-3	Hexane (N-Hexane)	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0000142-82-5	Heptane	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

0008030-30-6	Naphtha	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
0067784-80-9	Soybean oil, methyl ester	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;
1159170-26-9	Fuels, diesel, C9-18-alkane branched and linear	OSHA	Regulated Carcinogen: No
		NTP	Known: No; Suspected: No
		IARC	Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	2	Causes skin irritation.
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	2	Suspected of damaging the unborn child.
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	2	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	1	May be fatal if swallowed and enters airways

12. Ecological information

TOXICITY

Toxic to aquatic life with long lasting effects.

No additional information provided for this product. See Section 3 for chemical specific data.

AQUATIC ECOTOXICITY

Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Soybean oil, methyl ester - (67784-80-9)	> 1,000, Fish (Piscis)	800.00, Daphnia magna	Not Available
Naphtha - (8030-30-6)	8.80, Oncorhynchus mykiss	3.70, Daphnia pulex	6.50 (72 hr), Selenastrum capricornutum
Fuels, diesel, C9-18-alkane branched and linear - (1159170-26-9)	Not Available	Not Available	Not Available
Hexane (N-Hexane) - (110-54-3)	2.50, Pimephales promelas	3,878.00, Daphnia magna	Not Available
Heptane - (142-82-5)	375.00, Oreochromis mossambicus	50.00, Daphnia magna	Not Available
Pentane - (109-66-0)	100.00, Oncorhynchus kisutch	9.74, Daphnia magna	Not Available
Toluene - (108-88-3)	5.80, Oncorhynchus mykiss	19.60, Daphnia magna	No

PERSISTENCE AND DEGRADABILITY

There is no data available on the preparation itself.

BIOACCUMULATIVE POTENTIAL

Not Measured

MOBILITY IN SOIL

No data available.

RESULTS OF PBT AND vPvB ASSESSMENT

This product contains no PBT/vPvB chemicals.

OTHER ADVERSE EFFECTS

No data available.

13. Disposal considerations

WASTE TREATMENT METHODS

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	UN 1268	UN 1268	UN 1268
UN proper shipping name	PETROLEUM DISTILLATES, N.O.S. (Naphtha, Low boiling point naphtha)	PETROLEUM DISTILLATES, N.O.S. (Naphtha, Low boiling point naphtha)	PETROLEUM DISTILLATES, N.O.S. (Naphtha, Low boiling point naphtha)
Transport hazard class(es)	**DOT Hazard Class:** 3	**IMDG:** 3 **Sub Class:** Not Applicable	**Air Class:** 3
Packing group	II	II	II

Environmental hazards

IMDG Marine Pollutant:YES;

SPECIAL PRECAUTIONS FOR USER

No further information

15. Regulatory information

REGULATORY OVERVIEW The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

TOXIC SUBSTANCE CONTROL ACT (TSCA) All components of this material are either listed or exempt from listing on the TSCA Inventory.

US EPA TIER II HAZARDS

Fire: Yes

Sudden Release of Pressure: No

Reactive: No

Immediate (Acute): Yes

Delayed (Chronic): Yes

EPCRA 311/312 CHEMICALS AND RQS (LBS):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 EXTREMELY HAZARDOUS:

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 313 TOXIC CHEMICALS:

HEXANE (N-HEXANE)

PROPOSITION 65 - CARCINOGENS (>0.0%):

Benzene & Ethyl Benzene

PROPOSITION 65 - DEVELOPMENTAL TOXINS (>0.0%):

Benzene & Toluene

PROPOSITION 65 - FEMALE REPRO TOXINS (>0.0%):

Toluene

PROPOSITION 65 - MALE REPRO TOXINS (>0.0%):

Benzene

NEW JERSEY RTK SUBSTANCES (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PENNSYLVANIA RTK SUBSTANCES (>1%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

16. Other information

SDS Revision Date 05/30/2017

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

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