Safety Data Sheet

This version supersedes all previous versions. Published 1st June 2015
This SDS has been created in compliance with CLP Regulation (EC) No 1272/2008 in accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and REACH EC No 1907/2006.

Version 2.3
Updated 27/05/2022
Reason for update: Change of address and Distributors (section 1.3):

SECTION 1: Identification of the substance/ mixture and of the company/ undertaking

1.1 Product identifier:

Green Oil EcoSpray Lube

1.2 Relevant identified uses of the substance or mixture and uses advised against.

Aerosol lubricant for water displacement, rust prevention and lubrication of bicycle chains and other metal moving parts.

1.3 Details of the Supplier of the Safety Data Sheet: Manufacturer / Supplier

Green Oil UK Ltd,
Unit CC.106,
Cocoa Studios,
The Biscuit Factory,
100 Drummond Road,
Bermondsey,
Southwark,
London
SE16 4FA
United Kingdom
What3Words location: **Finds.Curve.Nature**
Info@GreenOil.cc
+44 (0)20 7274 8725
Office hours: 0900: 1800 GMT.

International Distributors / Suppliers:

Australia: Carbuta, PO Box 1384,Cronulla NSW 2230 Australia. allan@carbuta.com.au. +61 439 902 770
Austria: ESBT GmbH, Marktplatz 6, 88316 Isny i. A, 88316 Isny Deutschland. info@esbt.one. +49 (0)7562 981 35 39.
Belgien: Technolyt, Way Group, Industrieweg 35, 1521 NE Wormerveer, Netherland +31 (0) 75 647 45 45. info@technolyt.nl.
Ceská Republika: TL Sport UK Ltd, 66 Dunnock close, London, N9 8UD, +447785944206 info@TLsportuk.com.
Danmark: X-Bike.dk, Mike Froberg, Ditzelsvej 5, 8450 Hammel, Denmark 52704300 info@x-bike.dk.
Deutchland: ESBT GmbH, Marktplatz 3, 88316 Isny i. A, 88316 Isny Deutschland. info@esbt.one. +49 (0)7562 981 35 39.
España: Cultbikes Racing S.L, PG STA. Maria Park C. Maeresma No.2, 08460, STA. Maria De Palautordera, Barcelona. 607 03 49 13. Info@CultbikeRacing.com.
Republic of Korea: Laufen, 302, 119, Yangnyeong-ro 20-gil, Dongjak-gu, Seoul, Korea. laufenkorea@gmail.com, (82)-10-8633-7205.
Latvija: Gandrs, Kalnciema str, 28, Riga, LV - 1046. gandrs@gandrs.lv. + 371 67 614 775.
Luxembourg: Technolyt, Way Group, Industrieweg 35, 1521 NE Wormerveer, Netherland +31 (0) 75 647 45 45. info@technolyt.nl.
Magyarország: Bike Planet, Hungary, BIKE PLANET KFT, 1211 Budapest, Központi út 21-33. Tel/Fax: +36-1-276-2199. info@bikeplanet.hu.
Netherlands: Technolyt, Way Group, Industrieweg 35, 1521 NE Wormerveer, Netherland +31 (0) 75 647 45 45. info@technolyt.nl.
Norge: Sykkelkomponenter, Østre Tveit, 5647 Baldersheim, Norway. 48 23 92 1. info@sykkelkomponenter.no
Россия: Bike Russia: 197198, Sankt-Petersburg, B. Pushkarckaia 20, Russia. OPT@Bike-Russia.Ru. +7 812 449-07-65.
Polska: 7Anna, sp. z o.o. sp. k, ul. Raciborskiego 123, 80-215 Gdańsk, NIP 957-104-26-05, Regon 221084187. Tel: 58 520 18 04 info@7anna.com.pl.
Portugal: Outside Sports Comércio de Artigos Desportivos, Lda,Rua António Leal da Ascensão 18 A /, Torres Vedras, Portugal. sales@OutsideSports.pt.
România: Black Market Bikes: mun. Oradea, str. Aluminei, nr 24, bl. PC 82, ap. 1, jud: Bihor. info@Black-Market.ro. 40746527869
Singapore: Little Bike Shop, 218 Loyang Avenue #01-04, 509066, Singapore. +65 9848 4090. contact@stridersingapore.com
South Africa: Cutting Edge Marketing cc, PO Box 1965, Faerie Glen, 0043. info@cuttingedgesa.co.za. 0825 633 698
Switzerland: Indian Summer Ltd, Seestrasse 321B, 8804 Au ZH, Switzerland. mail@indiansumer.ch. 43 499 03 43.
Singapore: YB SPORTS CO Ltd. bb5rg@naver.com. 82 2 6401 9770.
Suomi: Power Factory, Uimonen Trading OY, Kaskimäenkatu 7, 33900 Tampere, Finland, info@uimonen.fi. 03-2656 700
Taiwan: Frontier Sport, 1F, NO17, Lane120, Neihu Rd, Neihu District, Taipei, Taiwan, ROC 11493 Phone: 886-2-27999168. info@frontier-sport.com.
New Zealand: Bikes International, 38 Airpark Dr, Mangere 2022, Auckland, New Zealand. +64 9 267 1245. Info@bikesinternational.co.nz
United States of America: Zeitbike LLC, 298 Dalton Street, Ventura CA 93003. 312.375.3275. Info@Zeitbike.com. (National Poison Line: 1-800-222-1222)
United Kingdom: i-ride (The Martlet Group Ltd), 7-8B Mid Sussex Business Park, Ditchling Common Ind. Est, Folders Lane East, Ditchling, Sussex, BN6 8SE United Kingdom. 01444 243 00. info@i-ride.co.uk.
And Green Oil UK Ltd, Unit CC.106, Cocoa Studios, The Biscuit Factory, 100 Drummond Road, Bermondsey, Southwark, London SE16 4FA, United Kingdom. 020 7274 8725. info@greenoil.cc. Office hours: 0900: 1800 weekdays.

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

Flam. Aerosol 1: H222; H229.
Most important adverse effects: Extremely flammable aerosol. Pressurised container: May burst if heated.

H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated

2.2 Label elements

Signal word:

Danger

Hazard Statements:

H222	Extremely flammable aerosol
H229	Pressurized container: may burst if heated

2.3 Other hazards

In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition / information on ingredients

Section 3.2: Mixtures

Green Oil EcoSpray Lube uses a combination of plant based, non hazardous, sustainably sourced plant leaf and fruit extracts for the fluid part of the formula.

Hazardous ingredients:

CAS number	EINECS	% Weight	Name	Classification according to Regulation (EC) No 1278/2008 (CLP).
106-97-8	203-448-7	1-10%	BUTANE, <0.1% 1,3 BUTADIENE	H220: Extremely flammable gas. H280: Contains gas under pressure; may explode if heated.
200-827-9	200-827-9	1-10%	PROPANE, <0.1% 1,3 BUTADIENE	H220: Extremely flammable gas. H280: Contains gas under pressure; may explode if heated.

Section 4: First Aid Measures

4.1 Description of first aid measures

General notes

Following inhalation: Move to fresh air in case of accidental inhalation of excessive vapours. Consult a doctor if headache, nausea or drowsiness are persistent.

Following skin contact: Wash with soap and water to avoid slippery hands.
Product is not harmful to skin.

Following eye contact: Rinse eye with slow flowing cool water for 1 minute, or with eye wash according to eye wash instructions.
If skin rash or eye irritation persist, get medical attention and show them product packaging.

Following ingestion: Do not induce vomiting. Drink water or cola-like drink to aid digestion.

Self-protection of the first aider: Take normal, reasonable precautions.

Precautionary phrases
Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+412	Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F.
P102	Keep out of reach of children.
P260	Do not breathe spray.
P280:	Wear protective eye protection.

Response:

P304+340:	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P370 + P378	In case of fire: Use dry powder or Firexo to extinguish.

Disposal:

P501	Dispose of lid button and straw to landfill or polypropylene recycling facility. Recycle steel can where aerosols are accepted. If not, use landfill bin.

4.2 Most important symptoms and effects

Skin contact: Excessive spray onto skin results in extreme cooling affect.

Eye contact: There may be irritation and redness from pressure of spray.

Ingestion: There may be irritation of the throat.

Inhalation: There maybe a feeling of tightness in the chest with shortness of breath due to butane and propane content

4.3 Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: None, except for if user has deliberately breathed in excessive amounts of gas from the container by removing button and inserting fitting into their mouth to get high (otherwise known as aerosol abuse). Severe lung damage can occur due to sudden cooling affect of lungs if breathed in this way. If a user has indulged in aerosol abuse and is unconscious, call an ambulance straight away, then proceed with first aid if qualified to do so.

Section 5: Firefighting measures

5.1 Extinguishing media

Use foam, CO_2 or dry chemical powder to extinguish.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. In combustion emits toxic fumes.
Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. Aerosol cans may explode during a fire, giving a high speed projectile.

5.3 Advice or fire-fighters.

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Fluid within product is fully biodegradable. Gas elements are heavier than air so sink down.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures.

Refer to section 8 of SDS.
Eliminate all sources of ignition.
Cover leaking can until the discharge has stopped, before attempting cleanup operations.
Spillage will create slippery surface.

6.1.1 For non-emergency personnel

Remove sources of ignition – for example a gas fire or lit cigarettes.
Also open windows for ventilation if spilled in large quantities indoors.

6.1.2 For emergency responders

No special precautions required. See section 5.3 for fire fighter advice.

6.2 Environmental precautions:

If spilt in vast quantities, use sand or soil to absorb.
Product will evaporate or absorb into soil. Natural gas content will sink and break down.
Biodegradable fluid and not environmentally hazardous in normal use.

6.3: Methods and material for containment and cleaning up

6.3.1 For containment:

Use sand soil or detergent.
Decontamination techniques: Use soap and water to remove from skin.
Use detergent to wash away from roads.
Absorbent materials: sand or soil.

Bunding, soil or sand may be used to contain a spill.

6.3.2 For cleaning up:

Do not use equipment in clean-up procedure which may produce sparks. Absorb into dry earth or sand. Clean-up should be dealt with only by qualified personnel familiar with aerosols.

Clothing should be washed with normal washing powder and professional bicycle cleaner after contamination.

6.4 Reference to other sections:

Refer to section 8 of SDS.

Section 7: Handling and storage

7.1 Precautions for safe handling

Smoking is forbidden. Use non-sparking tools. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. This is due to the butane and propane content which displace oxygen.

7.1.2 Advice on general occupational hygiene:

Do not smoke whilst using this product.

7.2 Conditions for safe storage, including any incompatibilities

Store with cap on. Do not remove button. Store in a cool, well ventilated area.
Keep away from sources of ignition. Keep away from direct sunlight.

7.2.2 Keep away from: Heat sources, ignition sources, oxidizing agents, (strong) acids

7.3 Specific end uses: Displacing water, inhibiting rust and lubricating metal bike chains and other cycle parts. See instructions on can and section 1.2.

Section 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1.1-4 National exposure limits for hazardous substances within the mixture:

Substance: Butane, <0.1% 1,3 Butandiene **CAS:** 106-97-8					
	Limit value- Eight hours		**Limit value – short term**		
Country	**Ppm**	**Mg/ m3**	**ppm**	**Mg/m3**	**Legal basis**
Australia	None	None	None	None	Set by Safe Work Australia
Austria	None	None	None	None	Set by the OEL Regulation "Grenzwerteverordnung"
Belgium	1000	1000	1000	1000	**VLEP/GWBB**
Canada – Ontario	800	800	800	800	Based on Ontario law
Canada – Québec	None	None	None	None	Set by Quebec Commission for Occupational Health and Safety (Commission de la santé et de la sécurité du travail – CSST)
Denmark	None	None	None	None	Danish law
Finland	None	None	None	None	Finish law
France	None	None	None	None	French Labour Ministry
Germany (AGS)	None	None	None	None	German Committee on Hazardous Substances Ausschuss für Gefahrstoffe (AGS)
Germany (DFG)	None	None	None	None	DFG Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Arear (MAK Commission)
Hungary	None	None	None	None	Set byHungarian Institute of Occupational Health (HIOH – OMFI; department of the NFSZ – Nemzeti Foglalkoztatási Szolgálat (Nemzeti Munkaügyi Hivatal)) And largely based on EU limits
Ireland	1000	1000	1000	1000	Based on UK Law
Latvia	None	None	None	None	Latvian law
New Zealand	(1)	(1)	(1)	(1)	Based on New Zealand law
Poland	None	None	None	None	Set by the Interdepartmental Commission for Maximum Admissible Concentrations and Intensities for Agents Harmful to Health in the Working Environment (Międzyresortowa Komisja do Spraw Najwyższych Dopuszczalnych Stężeń i Natężeń Czynników Szkodliwych dla Zdrowia w Środowisku Pracy)
Singapore	None	None	None	None	Set in Singapore law
South Korea	None	None	None	None	Set in Korean law
Spain	None	None	None	None	Set by National Institute of Safety and Hygiene at Work (in Spanish: Instituto Nacional de Seguridad e Higiene en el Trabajo – INSHT).
Sweden	None	None	None	None	Set in Swedish law
Switzerland	None	None	None	None	Set by theSwiss Accident Insurance Fund
Netherlands	None	None	None	None	Set in Dutch law
USA – Noish	None	None	None	None	Set by National Institute for Occupational Safety and Health
USA – OSHA	None	None	None	None	Set byhttp://www.osha.gov/ Occupational Safety & Health Administration (OSHA)
United Kingdom	None	1450 mg/m3	None	1180mg/m3	Set by UK Health and Safety Executive
Remarks:					
New Zealand	(1) Simple asphyxiant – may present an explosion hazard				

Substance: Propane, <0.1% 1,3 Butadiene **CAS:** 200-827-9					
	Limit value- Eight hours		**Limit value – short term**		
Country	**Ppm**	**Mg/ m3**	**ppm**	**Mg/m3**	**Legal basis**
Australia	None	None	None	None	Set by Safe Work Australia

Austria	None	None	None	None	Set by the OEL Regulation "Grenzwerteverordnung"
Belgium	1000	1000	1000	1000	**VLEP/GWBB**
Canada – Ontario	1000	1000	1000	1000	Based on Ontario law
Canada – Québec	None	None	None	None	Set by Quebec Commission for Occupational Health and Safety (Commission de la santé et de la sécurité du travail – CSST)
Denmark	None	None	None	None	Danish law
Finland	None	None	None	None	Finish law
France	None	None	None	None	French Labour Ministry
Germany (AGS)	None	None	None	None	German Committee on Hazardous Substances Ausschuss für Gefahrstoffe (AGS)
Germany (DFG)	None	None	None	None	DFG Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Arear (MAK Commission)
Hungary	None	None	None	None	Set byHungarian Institute of Occupational Health (HIOH – OMFI; department of the NFSZ – Nemzeti Foglalkoztatási Szolgálat (Nemzeti Munkaügyi Hivatal)) And largely based on EU limits
Ireland	1000	1000	1000	1000	Based on UK Law
Latvia	None	None	None	None	Latvian law
New Zealand	(1)	(1)	(1)	(1)	Based on New Zealand law
Poland	None	None	None	None	Set by the Interdepartmental Commission for Maximum Admissible Concentrations and Intensities for Agents Harmful to Health in the Working Environment (Międzyresortowa Komisja do Spraw Najwyższych Dopuszczalnych Stężeń i Natężeń Czynników Szkodliwych dla Zdrowia w Środowisku Pracy)
Singapore	None	None	None	None	Set in Singapore law
South Korea	None	None	None	None	Set in Korean law
Spain	None	None	None	None	Set by National Institute of Safety and Hygiene at Work (in Spanish: Instituto Nacional de Seguridad e Higiene en el Trabajo – INSHT).
Sweden	None	None	None	None	Set in Swedish law
Switzerland	None	None	None	None	Set by theSwiss Accident Insurance Fund
Netherlands	None	None	None	None	Set in Dutch law
USA – Noish	None	None	None	None	Set by National Institute for Occupational Safety and Health
USA – OSHA	None	None	None	None	Set byhttp://www.osha.gov/ Occupational Safety & Health Administration (OSHA)
United Kingdom	None	(2)	None	(2)	Set by UK Health and Safety Executive
Remarks:					
New Zealand	(1) Simple asphyxiant – may present an explosion hazard				
United Kingdom	(2) Asphyxiating				

8.1.1.2 Occupational exposure limit values for Carcinogens and Mutagen content Directive 2004/37/EC

Not applicable as the formula does not contain any 1 a or 1b carcinogens listed in (EC) No 1272/2008, or any 1a or 1b mutagens listed in (EC) No 1272/2008.

8.1.1.3 Any other occupational exposure limit values.

None other than those listed elsewhere in this safety data sheet.

8.1.1.4 National Biological limit values that correspond to Union Biological limit values in accordance with Directive 98/24/EC

See sections 8.1.1 und 8.1.1.1 und 8.1.1.5

8.1.1.5 Any other national biological limit values:

MAK and BAT values for Germany:

MAK Values for Propane gas content:

ml/m3 (ppm): 1000
mg/m3: 1800
Peak Limitation: II (4)
H;S: None
Carcinogen Category: None

Pregnancy Risk group: D
Germ cell mutagen category: None
Vapour pressure in hPa at 20°C: No data
BAT Values: none

MAK Values of Butane content:
ml/m3 (ppm): 1000
mg/m3: 2400
Peak limitation: II (4)
H;S: None
Carcinogen category: none
Pregnancy risk group: D
Germ cell mutagen category: none
Vapour pressure in hPa at 20°C: no data
BAT Values: none

There are no BAT values for any substance within the mixture.

8.1.2 Recommended monitoring procedures: Not applicable

8.1.3 Air contaminants:
No air contaminants are formed, see tables in: 8.1.1.1

8.1.4 Derived No Effect Levels (ENEL/DMEL) and PNEC Levels

No data available

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

Ensure there is sufficient ventilation of the area.
Ensure lighting and electrical equipment are not a source of ignition.

8.2.2 Individual protection measures, such as personal protective equipment.

8.2.2.1 Personal protective equipment for fire control
See section 5.

8.2.2.2. Protection equipment:

(a) Eye protection: Safety glasses or goggles may be worn to inhibit accidental direct spray into eyes

(b) Hand protection: Not required

(c) Respiratory protection: Not required

(d) Thermal hazards: No thermal hazards present except in the case of fire. Do not smoke whilst using this product.

8.2.3 Environmental exposure controls

Fluid components are 100% biodegradable.
Gas components are safe for release into fresh air.

No chlorofluorocarbon (CFC) content.

No environmental exposure controls for single cans required.

Section 9: Physical and chemical properties

9.1 Information on the basic physical and chemical properties.

(a) Appearance: Yellow/green.

(b) Odour: Natural pleasant unique scent

(c) Odour threshold: No information available

(d) pH: Not available

(e) Melting point/ freezing point: <11^{O}C

(f) Initial boiling point and boiling range: Not applicable

(g) Flash point; - 40^{O}C

(h) Evaporation rate: No data available

(i) Flammability (solid, gas): Autoflammability >230^{O}C

(j) Flammability limits

Upper: 0.9 ^{O}C
Lower: 9 ^{O}C

(k) Vapour pressure: No data available

(l) Vapour density: No data available

(m) Relative density: (at 15.6^{o}C): 0.89

(n) Solubility(ies): Not water soluble.

(o) Partition Coefficient: n-octanol /water: Not available

(p) Auto-ignition temperature: >435^{O}C

(q) Decomposition temperature: Not available

(r) Viscosity; 119 mPa's (at 20 ^{O}C)

(s) Explosive properties:

Upper Explosion limit (UEL) (at 150^{o}C): No data available (Autoflammability >230^{O}C)
Lower Explosion limited (LEL) (at 150^{o}C): No data available (Autoflammability >230^{O}C)

(t) Oxidising properties: None

9.2 Other information

Product is a mixture of natural plant oils and extracts, and natural gas.

Section 10: Stability and Reactivity

10.1 Reactivity

Stable under recommended transport and storage conditions.

10.2 Chemical stability

Stable under normal conditions. Stable at room temperature.

Shelf life tested: In excess of 3 years unopened.

10.3 Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat. Hot surfaces. Sources of ignition. Flames and sparks.

10.5 Incompatible materials

Strong oxidizing agents. Strong acids.

10.6 Hazardous decomposition products

In combustion, will emit toxic fumes.

11: Toxicological information

11.1 Information on toxicological effects

(a) Acute toxicity; None

(b) Irritation; Not irritating to eyes or skin. Extreme cold produced on prolonged contact with skin eyes or direct to lungs may cause adverse affects, including irritation.

(c) Corrosivity; Not corrosive. Not considered to be corrosive for metals and glass. Contains anti-corrosivity properties.

(d) Sensitisation; None.

(e) Repeated dose toxicity; None

(f) Carcinogenicity; Not carcinogenic

(g) Mutagenicity; Not a Mutagen

(h) Toxicity for reproduction; None

Additional information: Inhalation may cause a feeling of tightness in the chest with shortness of breath.

Section 12: Ecological information

12.1 Toxicity: Not toxic to algae aquatic plants, fish or crustacea,

12.2 Persistence and degradability

Readily biodegradable – 28 days in sewage and freshwater.
Readily biodedradable, not biopersistent.

Exceeds standard ASTM D6866 on biolubricants.
Readily biodegradable (within 28 days) in sewage, fresh water and soil in accordance with OECD 301.

EcoSpray Lube is both a *bio-based lubricant* and *bio-lubricant* in accordance with British Standards Institute PD CEN/TR 16227. EcoSpray Lube exceeds the 25% minimum content of renewable raw material within the standard CEN/TR 16227 (2011) definition of bio-based.
It is over 99.999% biobased raw materials.

This product exceeds the 25% renewable material content threshold set out in standard ASTM D6866.

Lubricant exceeds 25% minimum content of renewable raw material within the standard CEN/TR 16227 (2011) definition of Bio-based.

Product is readily biodegradable within 28 days according to criteria set down by the OECD.

Product exceeds minimum 60% biodegradation for lubricant products set out by British Standards Institute CEN/TR 16227.

OECD 301 B: DOC Die-Away test: Dissolved Organic Carbon 72% removed within 28 day window. Product more than 60% biodegradable within 28 days window. Full test passed for OECD 301 B. Product 100% biodegraded within 60 day window.

EcoSpray Lube meets the requirements of OECD 306 for biodegradability in sea water.

ASTM D5864: EcoSpray Lube is more than 60% biodegradable within 28 days within domestic sewage.

Ingredients excluding natural gas content pass OECD 201.

12.3 Bio accumulative potential

None

12.4 Mobility in soil. Readily absorbed into soil. Non-volatile. Insoluble in water. Floats on water. Vapour is heavier than air.

12.5 Results of PBT and vPvB assessment:

This product is not identified as a PBT/vPVB substance.

12.6 Other adverse affects: Negligible ecotoxicity due to natural gas content. However gas breaks down and disperses before causing harm in most circumstances.

SDS Section 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product packaging disposal:

Canister is made from recyclable steel and may be disposed of in a recycling bin where laws allow. Plastic elements should be removed disposed of separately to landfill.

Bottle material code: 

13.1.2 Waste treatment-relevant information:

Disposal operations: For unused or damaged cans with content inside, transfer to a suitable container and arrange for collection by specialised disposal company.
Cans can be depressurised and recycled with steel cans where facilities exist.

Recovery operations: Not applicable.

Waste code number: 16 05 05

13.1.3 Sewage disposal-relevant information:

Fluid content of product can be disposed of with normal sewage.

13.1.4 Other disposal recommendations:

Empty cans must not be burned because of explosion hazard.
Always follow local government, national and federal regulations.

Section 14: Transport Information

14.1 UN Number

UN1950

14.2 UN Proper shipping name for hazardous content:

AEROSOLS

14.3 Transport hazard category:

Class 2 Aerosols

14.4 Packing group:

Packing group II (Limited quantity)

14.5 Environmental hazards

None

14.6 Special precautions for user

No special precautions

14.7 Transport in bulk according to Annex II of MARBOL 73/78 and the IBC Code:

Not applicable.

14.8 Additional information

Tunnel code: D
Transport category: Class 2 Hazardous
Special precautions: None

Section 15: Regulatory information

This safety data sheet complies with United Nations Globally Harmonised System of Classification and Labelling of Chemicals, OSHA and CLP Regulation (EC) No 1272/2008 (which replaces the Dangerous Substances Directive 1999/45/EC), and Commission regulation (EU) No 2015/830.

This Safety Data Sheet also complies with OSHA in the USA and local national laws aligned with United Nations GHS (Globally Harmonized System of Classification and Labelling of Chemicals).

None of the substances within this mixture are Substances of Very High Concern (SVHCs) within Reach.

This product, nor the contents are covered or restriction by Regulation (EC) No 649/2012, or Regulation (EC) No 1005/2009 on ozone layer depletion.

Section 15.1:

Safety, health and environmental regulations specifically for substance or mixture and different national regulation compliance.

Deutschland:
Wassergefährdungsklassen: nwg, nicht wassergefährdende.

France:
Aucun ingrédient avec le produit sont en taleaux de maladies professionelles (http://www.inrs-mp.fr/).

Neederland:
Neit aan der Lijst van kankerverwekkende, mutagene, en voor de voortplanting giftige stoffen SZW.

USA OSHA Hazards:
Combustible gas.

EPCRA - Emergency Planning and Community Right-to-Know Act
Both propane and butane are listed on the EPCRA Right-to-Know Act list.

CERCLA Reportable Quantity.
10,000 lbs

SARA 304 Extremely Hazardous Substances Reportable Quantity
This product contains propane and butane (CAA 112(r) TQ 10,000).

SARA 311/312 Hazards: Fire Hazard Acute Health Hazard

SARA 302: SARA 302: both Butane and Propane in this product are subject to SARA Title III, Section 302.

SARA 313: SARA 313: This material contains Butane and Propane with known CAS numbers that are on the threshold (De Minimis) reporting level list established by SARA Title III, Section 313.

United States of America Clean Air Act
This product contains both Butane and Propane, which are listed in the Clean Air Act. The reportable quantity under the U.S. Clean Air Act Section 112 for both natural gases is 10,000 lbs.

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

Clean Water Act
This product does not contain any Hazardous Substances listed under the U.S. Clean Water Act, Section 311, Table 116.4A.
This product does not contain any Hazardous Chemicals listed under the U.S. Clean Water Act, Section 311, Table 117.3.
This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307.

US State Regulations

Massachusetts Right To Know Act.
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know
Butane with <0.1% 1,3 Butadiene gas: CAS number: 106-97-8: 0-25%
Propane, <0.1% 1,3 Butadiene: CAS number: 5989-27-5: 0-25%

California Proposition 65:
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

United States TSCA Inventory :
Butane: y (positive listing) (On TSCA Inventory)
Propane: n (not listed on TSCA Inventory)

Canadian Domestic Substances List (DSL):
All substances in this product are included in the Canadian Domestic Substance List, the list of all chemicals manufactured in or imported into Canada.

No Volatile Organic Compounds (VOCs) are produced by this product.

15.2 Chemical Safety Assessment

Chemical Safety Assessments have been carried out for all hazardous parts of this mixture and this safety data sheet and data within is based upon these assessments.

Section 16: Other Information

16.1 This Safety Data Sheet was published on 10th February 2017 in compliance with CLP Regulation (EC) No 1272/2008 in accordance with Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Commission regulation (EU) No 2015/830. This updated version was published on 27/05/2022.

(a) Changes include: Update of Section 1.3 Distributors / Suppliers.

(b) Acronyms.
MSDS: Material Safety Data Sheet.
SDS: Safety Data Sheet.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.

(c) References: None

(d) Methodology for this Safety Data Sheet is in accordance with EC No 2015/830 and No 1272/2008. Many figures have been obtained and calculated from Safety Data Sheets of Each substance. EHCA (European Chemicals Agency) databases have been utilized, along with those of the US Environmental Protection Agency, the Canadian Government and the British Health and Safety Executive. This list is not exhaustive.

Classification procedure for all Hazard Phrases for all substances, is based on data and of the European Chemicals Agency and expert judgement.

Disclaimer:

This information is based upon the present state of our knowledge
This SDS has been compiled and is solely intended for this product