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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING	
1.1 Product Identifier	
Product Name:	Chilli Bar- 150mg CBD / PG/VG – AK 47 Flavour
Product Code (SDS No.):	Chilli Bar MSDS CBD
1.2 Relevant identified uses of the substance or mixture and uses advised against:	
Use:	Vaping as recommendations
Uses advised against:	Any use other than recommended use.
1.3 Details of the supplier of the Safety Data Sheet:	
Name of Supplier:	Deep Green GmbH
Address:	Urbanstr. 71 10967 Berlin Germany
Tel: (inc Emergency)	0800 0352 846
E-mail: (Generic also covering technical support)	info@swissfx.de
1.4 Emergency telephone number	
National Response Centre	National Poisons Information Service (Birmingham Centre) www.npis.org
Address	Giftnotruf der Charité – Universitätsmedizin Berlin Campus Benjamin Franklin Hindenburgdamm 30 12203 Berlin
Emergency Phone No.	+00 448 706 006 266 NHS – 0845 4647 or 111
Germany (Berlin) :-	https://giftnotruf.charite.de/
Poison Centres and Clinical Toxicologists (Europe & World Wide)	https://www.eapcct.org/index.php?page=links

SECTION 2: HAZARDS IDENTIFICATION	
2.1 Classification of the substance or mixture	
Regulation (EC) No. 1272/2008 (CLP)	None.
2.2 Label elements – According to Regulation (EC) No. 1272/2008 (CLP)	
Hazard Pictograms(s)	None.
Signal Word(s)	None.

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Hazard Statement(s)	None.
Precautionary Statement(s)	None.
2.3 Other hazards	
	None Known.
2.4 Additional Information	
	Liquid product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (Refer to section 14 for transporting on shipping)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS				
3.1 Substances NA				
3.2 Mixtures				
INGREDIENT(S)	CAS No.	%V/V	Classification to reg EC1272/2008	HAZARD PICTOGRAM(S)
Glycerine	58-81-5	6 to 14	Not Classified	NA
Propylene Glycol (Inc 18-20 %Flavouring)	57-55-6	86 to 94	Not Classified	NA
CBD (Cannabidiol)	13956-29-1	10.4 to 12.7	Not Classified	NA

SECTION 4: FIRST AID MEASURES	
4.1 Description of first aid measures	
General Information	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Ingestion	DO NOT induce vomiting. Never give anything to an unconscious person. Rinse mouth with water. Get medical advice/attention should symptoms appear.
Skin Contact	Immediately flush skin with plenty of soap and water whilst removing contaminated clothing. Seek medical attention if irritation persists.
Eye Contact	Immediately flush eyes (holding eyelids apart) with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
Inhalation	Remove from exposure site to fresh air and keep at rest. If breathing has stopped give artificial respiration. Observe for possible delayed reaction. Get medical advice/attention if concerned.
4.2 Most important symptoms and effects, both acute and delayed	
	None anticipated. Treat symptomatically.
4.3 Indication of any immediate medical attention and special treatment needed	
	Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

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SECTION 5: FIREFIGHTING MEASURES	
5.1 Extinguishing media	
Suitable Extinguishing media	Class D Fire extinguishers also known as dry powder extinguishers Carbon dioxide, Alcohol foam, dry chemical
Unsuitable extinguishing media	None
5.2 Special hazards arising from the substance or mixture	
During a fire, irritating and	Toxic gases may be generated by thermal decomposition or combustion.
5.3 Advice for firefighters	
	Device has a small lithium battery, use a Class D Fire extinguishers also known as dry powder extinguishers Wear full protective clothing and self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent).

SECTION 6: ACCIDENTAL RELEASE MEASURES	
6.1 Personal precautions, protective equipment and emergency procedures	
	Ensure adequate ventilation. Use non-sparking ventilation systems, approved explosion-proof equipment, and intrinsically safe electrical systems. Wear suitable protective clothing and gloves.
6.2 Environmental precautions	
	Do not allow to enter drains, sewers or watercourses.
6.3 Methods and material for containment and cleaning up	
	Adsorb bulk spillages onto sand, earth or any suitable adsorbent material. Use vacuum equipment for collecting spilt materials, where practicable. Containers must not be punctured or destroyed by burning, even when empty. Clean contaminated objects and areas thoroughly observing environmental regulations.
6.4 Reference to other sections	
	See Also Section 8, 13.

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SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

	Wear proper protective equipment and avoid contact with skin, eyes, or clothing. Obtain special instructions before use. Avoid inhalation and ingestion. Avoid inhalation of vapour or mist. When using this product do not eat, drink or smoke. Wash hands thoroughly after handling this material. Follow all applicable local regulations for handling and storage.
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7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions	Store in a dry, well-ventilated place. Keep cool. Protect against UV radiation/sunlight, heat and moisture.
Storage temperature	Ambient.
Storage life	Stable under normal conditions.
Incompatible materials	None known.

7.3 Specific end use(s)

	See Section 1.2
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE	CAS No.	UK LTEL (8 hr TWA ppm)	UK LTEL (8 hr TWA mg/m ³)
Propylene Glycol	57-55-6	150 (TVP)	10 (particles) 474 (TVP: Total vapour& particles)
Vegetable Glycerine	56-81-5	150 (TVP)	10 (particles) 474 (TVP: Total vapour& particles)
CBD (Cannabidiol)	13956-29-1	Not known	Not Known

REGION

SOURCE

EU	EU Occupational Exposure Limits
UNITED KINGDOM	Workplace Exposure Limits (WEL)
Remark	Notes
IOELV	Indicative Occupational Exposure Limit Value

8.2 Exposure Controls

8.2.1 Appropriate engineering controls

Use device provided only. Do not transfer liquid into another device for use.

8.2.2 Personal protection equipment

Protective Hygiene Measures	Do not dismantle or open device. Bulk spillage: remove contaminated clothing immediately and dispose of safely. Wash contaminated clothing prior to re-use.
Eye Protection	Bulk Liquid: Wear eye protection with side protection (EN166).
Skin Protection	Bulk Liquid: Wear suitable gloves if prolonged skin contact is likely. (EN374)
Respiratory Protection	Handling of larger amounts of liquid, a suitable mask with filter type A (EN14387 or EN405) may be appropriate.
Thermal Hazards	None known.

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8.2.3 Environmental Exposure Controls	Do not allow to enter drains, sewers or watercourses. – Dispose of device by approved method.
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1 Information on basic physical and chemical properties	
Appearance	Liquid - as below (joy Bar device is 95mmx15mmx6mm : Colour varies)
Colour	Clear colourless to light yellow.
Odour	Characteristic
Odour threshold	Not known.
pH	Not known.
Melting point/freezing point	Not known.
Initial boiling point and boiling range	Not known.
Flash Point	Not known.
Evaporation rate	Not known.
Flammability (solid, gas)	Not known.
Upper/lower flammability or explosive limits	Not known.
Vapour pressure	Not known.
Vapour density	Not known.
Density (g/ml)	Not known.
Relative density	Not known.
Solubility(ies)	Solubility (Water): Not known. Solubility (other): Not known.
Partition coefficient: noctanol/water	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature (°C)	Not known.
Viscosity	Not known.
Explosive properties	Not known.
Oxidising properties	Not known.
9.2 Other Information	
	None.

SECTION 10: STABILITY AND REACTIVITY	
10.1 Reactivity	None anticipated.
10.2 Chemical Stability	Stable under normal conditions.
10.3 Possibility of hazardous reactions	No hazardous reactions known is used for its intended purpose
10.4 Conditions to avoid	Avoid friction, sparks, or other means of ignition.
10.5 Incompatible materials	Not known.
10.6 Hazardous decomposition products	May include, and are not limited to, oxides of carbon.

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SECTION 11: TOXICOLOGICAL INFORMATION	
11.1 Information on toxicological effects	
Acute toxicity – Ingestion	Not classified.
Acute toxicity – Skin Contact	Not classified.
Acute toxicity – Inhalation	Not classified.
Skin corrosion/irritation	Not classified.
Serious eye damage/irritation	Not classified.
Skin sensitization data	Not classified.
Respiratory sensitization data	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
Lactation	Not classified.
STOT – single exposure	Not classified.
STOT – repeated exposure	Not classified.
Aspiration hazard	Not classified.
11.2 Other information	
	Not known.

SECTION 12: ECOLOGICAL INFORMATION	
12.1 Toxicity	
	No data available.
12.2 Persistence and Degradation	
	No data available.
12.3 Bio accumulative potential	
	No data available.
12.4 Mobility in soil	
	No data available.
12.5 Results of PBT and vPvB assessment	
	No data available.
12.6 Other adverse effects	
	No data available.

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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

	Dispose of contents in accordance with local, state or national legislation. Recycle only completely emptied packaging. . Do not allow liquid to enter drains, sewers or watercourses. Do NOT landfill. Normal disposal is via Countries requirement for a lithium battery device .
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13.2 Additional Information

	Disposal should be in accordance with local, state or national legislation. Related to a Lithium battery device
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SECTION 14: TRANSPORT INFORMATION

	FOR ROAD/SEA ONLY: Up to 2 devices this product does not require a classification for transport according to the United Nations 'Recommendations on the Transport of Dangerous Goods'. As exempted by Special Provision 188. Above 2 devices but under 30kg gross weight per shipper requires only that a Lithium Battery mark is applied to each shipper. Above 30kg gross weight per shipper require a classification as below for transport according to the United Nations 'Recommendations on the Transport of Dangerous Goods'.		
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14.1 UN number

	ADR/RID	IMDG	IATA/ICAO
UN Number:	UN3481	UN3481	UN3481

14.2 UN Proper Shipping Name

	ADR/RID	IMDG	IATA/ICAO
UN Proper Shipping Name:	Lithium ion batteries contained in equipment	Lithium ion batteries contained in equipment	Lithium ion batteries contained in equipment

14.3 Transport Hazard Class(es)

	ADR/RID	IMDG	IATA/ICAO
Transport Class	9	9	9

14.4 Packing Group

	ADR/RID	IMDG	IATA/ICAO
Packing Group:	None assigned.	None assigned.	None assigned.

14.5 Environmental Hazards

	ADR/RID	IMDG	IATA/ICAO
Environmental Hazards:	None assigned.	None assigned.	None assigned.

14.6 Special Precautions For User

Special Precautions:	See section 2
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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

	ADR/RID	IMDG	IATA/ICAO
Transport In Bulk:	None assigned.	None assigned.	None assigned.

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SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
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Authorisations:	Not applicable
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Restrictions on use:	Not applicable
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15.2 Chemical Safety Assessment
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Chemical safety assessment	A REACH chemical safety assessment has not been carried out on this mixture.
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SECTION 16: OTHER INFORMATION	
The following sections contain revisions or new statements:	
LEGEND	
Hazard Pictogram(s)	None
Hazard classification	None
Hazard Statement(s)	None
Precautionary Statement(s)	None
Acronyms	<p>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways</p> <p>ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road</p> <p>CAS: Chemical Abstracts Service</p> <p>CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</p> <p>DNEL: Derived No Effect Level</p> <p>EC: European Community</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>IATA: International Air Transport Association</p> <p>IBC: Intermediate Bulk Container</p> <p>ICAO: International Civil Aviation Organization</p> <p>IMDG: International Maritime Dangerous Goods</p> <p>LTEL: Long term exposure limit</p> <p>PBT: Persistent, Bioaccumulative and Toxic</p> <p>PNEC: Predicted No Effect Concentration</p> <p>REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals</p> <p>RID: Regulations concerning the International Carriage of Dangerous Goods by Rail</p> <p>STEL: Short term exposure limit</p> <p>STOT: Specific Target Organ Toxicity UN : United Nations vPvB: very Persistent and very Bioaccumulative</p>
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