ANML Unleashed "Grizzly"

Safety Data Sheet

according to Regulation (EC) No. 453/2010

Version: 1.0

Date of Issue: Monday, September 19th, 2016

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

1.1 Product Identifier

Product Form : Mixture

Product Name : Grizzly

Product Code : 0mg, 3mg, 6mg, 12mg

Product Group : Commercial Product

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

1.2.1 Relevant identified uses

Industrial/professional use spec : Not applicable

1.2.2 Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company

Clancy's Royal Vapors LLC
4050 Spencer St Ste H
Torrance CA 90503
T 310-694-8500
www.clancysvapors.com

1.4. Emergency Telephone Number

Emergency Number : 310-880-8091

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not Classified

Classification according to Directive 67/548/EEC or 1999/45/EC

Not Classified

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

No labeling applicable

2.3 Other Hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product Identifier	%	Classification according to Directive 67/548/EEC
Food grade flavorings	(CAS No) Various	17.4	Not classified
1,2-Propylene glycol	(CAS No) 57-55-6 (EC no) 200-338-0	23.48	Xi; R36
Glycerin	(CAS No) 56-81-5 (EC no) 200-289-5	65	Not classified
Nicotine	(CAS No) 54-11-5 (EC no) 200-193-3 (EC index no) 614-001-00-4	.12 max	T; R25 T+; R27 N; R51/53

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Full text of R- and H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of First Aid Measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.

First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if pain, blinking or redness persist.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/injuries : Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/injuries after inhalation : None expected under normal conditions of use.

Symptoms/injuries after skin contact : May cause skin irritation. May be absorbed through the skin in harmful amounts.

Symptoms/injuries after eye contact : May cause eye irritation.

Symptoms/injuries after ingestion : Toxic if swallowed.

Chronic symptoms : None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If medical advice is needed, have product container or label at hand

SECTION 5: Firefighting measures

5.1. Extinguishing Media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray. Sand. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.2. Special Hazards Arising From the Substance or Mixture

Fire hazard : Not considered flammable but will burn at high temperatures.

Explosion hazard : Product is not explosive.

Reactivity : Hazardous reactions will not occur under normal conditions.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent accumulation of vapour.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Ignition sources. Keep container closed when not in use.

Incompatible products : Strong acids. Strong oxidizers. Sources of ignition. Direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

1,2-Propylene glycol (57-55-6)		
Latvia	OEL TWA(mg/m³)	7 mg/m³
United Kingdom	WEL TWA (mg/m³)	10 mg/m³
United Kingdom	WEL TWA (ppm)	150 ppm
United Kingdom	WEL STEL (mg/m³)	30 mg/m³ (calculated)
United Kingdom	WEL STEL (ppm)	450 ppm (calculated)
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³
Ireland	OEL (8 hours ref) (ppm)	150 ppm
Lithuania	IPRV (mg/m³)	7 mg/m³

Glycerin (56-81-5)		
Belgium	Limit value (mg/m³)	10 mg/m³
France	VME (mg/m³)	10 mg/m³
Spain	VLA-ED (mg/m³)	10 mg/m³
United Kingdom	WEL TWA (mg/m³)	10 mg/m³
United Kingdom	WEL STEL (mg/m³)	30 mg/m³ (calculated)
Czech Republic	Expoziční limity (PEL) (mg/m³)	10 mg/m³
Finland	HTP-arvo (8h) (mg/m³)	20 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³
Poland	NDS (mg/m³)	10 mg/m³
Portugal	OEL TWA (mg/m³)	10 mg/m³

Nicotine (54-11-5)		
Austria	MAK (mg/m³)	0.5 mg/m³
Austria	MAK (ppm)	0.07 ppm
Austria	MAK Short time value (mg/m³)	2 mg/m³
Austria	MAK Short time value (ppm)	0.28 ppm
Belgium	Limit value (mg/m³)	0.5 mg/m³
Bulgaria	OEL TWA (mg/m³)	0.5 mg/m³
Cyprus	OEL TWA (mg/m³)	0.5 mg/m³
France	VME (mg/m³)	0.5 mg/m³ (indicative limit)
Germany	TRGS 900 Occupational exposure limit value (mg/m³)	0.05 mg/m³
Italy - Portugal - USA ACGIH	ACGIH TWA (mg/m³)	0.5 mg/m³
Italy	OEL TWA (mg/m³)	0.5 mg/m³
Latvia	OEL TWA (mg/m³)	0.5 mg/m³
Spain	VLA-ED (mg/m³)	0.5 mg/m³ (indicative limit value; it is prohibited the partial or complete commercialization or use of this substance as a phytosanitary or biocide compound)
Netherlands	MAC TGG 8H (mg/m³)	0.5 mg/m³
United Kingdom	WEL TWA (mg/m³)	0.5 mg/m³
United Kingdom	WEL STEL (ppm)	1.5 ppm

Nicotine (54-11-5)		
Czech Republic	Expoziční limity (PEL) (mg/m³)	0.5 mg/m³
Denmark	Grænseværdie (langvarig) (mg/m³)	0.5 mg/m³
Finland	HTP-arvo (8h) (mg/m³)	0.5 mg/m³
Finland	HTP-arvo (15 min)	1.5 mg/m³
Hungary	AK-érték	0.5 mg/m³
Ireland	OEL (8 hours ref) (mg/m³)	0.5 mg/m³
Lithuania	IPRV (mg/m³)	0.5 mg/m³
Malta	OEL TWA (mg/m³)	0.5 mg/m³
Poland	NDS (mg/m³)	0.5 mg/m³
Romania	OEL TWA (mg/m³)	0.5 mg/m³
Slovakia	NPHV (priemerná) (mg/m³)	0.5 mg/m³
Slovakia	NPHV (Hraničná) (mg/m³)	1.5 mg/m³
Sweden	nivågränsvärde (NVG) (mg/m³)	0.1 mg/m³
Portugal	OEL TWA (mg/m³)	0.5 mg/m³
Portugal	OEL chemical category (PT)	skin - potential for cutaneous exposure

8.2. Exposure controls

Appropriate engineering controls : Ensure all national/local regulations are observed.
Personal protective equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant.
Hand protection : In case of repeated or prolonged contact wear gloves.
Eye protection : In case of splash hazard: safety glasses.
Respiratory protection : Use approved respiratory protection with an organic vapor cannister or filter if vapor concentrations are expected to exceed recommended exposure levels.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : Light yellow to amber. Oily.
Colour : Colourless.
Odour : Chocolate. Cookie. Milk. Creaminess.
Odour threshold : No data available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : -79 °C (-110.2°F)
Freezing point : No data available
Boiling point : 247 °C (476.6°F) @ 760 mm Hg
Flash point : 95 °C (203°F) Closed Cup
Self ignition temperature : 244 °C (471.2°F)
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : 5.61 (air=1)
Relative density : No data available
Solubility : Water: Soluble in cold water. Miscible with water <60°C
Ether: Easily soluble.
Organic solvents:Very soluble in alcohol, chloroform, petroleum ether, kerosene oils.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable at standard temperature and pressure.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Keep away from open flames, hot surfaces and sources of ignition.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. Nitrogen oxides.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1,2-Propylene glycol (57-55-6)	
LD50 oral rat	20000 mg/kg
LD50 dermal rabbit	20800 mg/kg

Glycerin (56-81-5)	
LD50 dermal rabbit	> 10 g/kg
LC50 inhalation rat (mg/l)	> 570 mg/m³ (Exposure time: 1 h)

Skin corrosion/irritation	:	May cause skin irritation. May be absorbed through the skin in harmful amounts.
Serious eye damage/irritation	:	May cause eye irritation.
Respiratory or skin sensitisation	:	Not classified Based on available data, the classification criteria are not met
Germ cell mutagenicity	:	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	:	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	:	Not classified Based on available data, the classification criteria are not met
Specific target organ toxicity (repeated exposure)	:	Not classified Based on available data, the classification criteria are not met
Aspiration hazard	:	Not classified Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	:	Not classified Based on available data, the classification criteria are not met

SECTION 12: Ecological information

12.1. Toxicity

1,2-Propylene glycol (57-55-6)	
LC50 fishes 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 1	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
EC50 other aquatic organisms 1	19000 mg/l (Exposure time: 96 h - Species: Pseudokirchneriella subcapitata)
LC50 fish 2	41 (41 - 47) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 Daphnia 2	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])

Glycerin (56-81-5)	
LC50 fishes 1	51 (51 - 57) ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2. Persistence and degradability

ANML Unleashed "Reaver"	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

ANML Unleashed "Reaver"	
Bioaccumulative potential	Not established.

1,2-Propylene glycol (57-55-6)	
BCF fish 1	< 1

Glycerin (56-81-5)	
BCF fish 1	(no bioaccumulation)
Log Pow	-1.76

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other information : Avoid release to the environment.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

Not regulated for transport.

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class(es)

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Not regulated for transport.

14.6.2. Transport by sea

Not regulated for transport.

14.6.3. Air transport

Not regulated for transport.

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

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Authorisations and/or restrictions on use (AnnexXVII):

3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008	1,2-Propylene glycol - Nicotine

Contains no REACH candidate substance

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Revision date:

Indication of changes:

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Full text of R-, H- and EUH-phrases::

Acute Tox. 1 (Dermal)	Acute toxicity (dermal), Category 1
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
H301	Toxic if swallowed
H310	Fatal in contact with skin
H411	Toxic to aquatic life with long lasting effects

R25	Toxic if swallowed
R27	Very toxic in contact with skin
R36	Irritating to eyes
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
N	Dangerous for the environment
T	Toxic
T+	Very toxic
Xi	Irritant

SDS EU (REACH Annex II) 10pt

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.