

SAFETY DATA SHEET

Issuing Date 19-Feb-2014

Revision Date 11-Feb-2023

Revision Number 3

Section 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name Glow Oxygen-Pro Regular Cartridge; Glow Oxygen-Pro Grande Cartridge
Glow VIVA!e Cartridge

UFI: X5GW-83RA-A10W-1CRW

Contains: (E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE, EUGENOL.

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

Recommended Use Air freshener

Uses advised against No information available

Section 2. Hazards identification

2.1. - Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Flammable Liquid	Category 3
Acute Toxicity, Oral	Category 4
Acute Toxicity, Inhalation	Category 4
Skin Irritation	Category 2
Eye Damage	Category 2
Sensitization	Category 1
Specific Target Organ Toxicity (Single Exposure)	Category 3
Hazardous to the aquatic environment, Long-term Hazard	Category 3

2.2. Label Elements

Signal Word WARNING

**Hazard Statements**

H226 – Flammable liquid and vapor.
H302 – Harmful if swallowed
H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H319 – Causes serious eye irritation
H332 – Harmful if inhaled
H335 – May cause respiratory irritation
H412 - Harmful to aquatic life with long lasting effects

Precautionary Statements

P210, Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P240, Ground/bond container and receiving equipment.
P241, Use explosion-proof electrical, ventilating and lighting equipment.
P242, Use only non-sparking tools.
P243, Take precautionary measures against static discharge.
P261, Avoid breathing vapor or dust.
P264, Wash hands and other contacted skin thoroughly after handling.
P270, Do not eat, drink or smoke when using this product
P271, Use only outdoors or in a well-ventilated area.
P272, Contaminated work clothing should not be allowed out of the workplace
P273, Avoid release to the environment
P280, Wear protective gloves/ protective clothing/ eye protection/ face protection
P301/312, IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
P303/361/353, IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P304/340, IF INHALED: Remove victim to fresh air and keep at rest in a position 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. Continue rinsing.
P312, Call a POISON CENTRE or doctor/physician if you feel unwell.
P330, Rinse mouth.
P333/313, If skin irritation or rash occurs: Get medical advice/attention. P337/313, If eye irritation persists: Get medical advice/attention.
P362, Take off contaminated clothing and wash before reuse.
P370/378, In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P403/233/235, Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405, Store locked up.
P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

2.3. Other information

Hydrocarbon Concentration %: 9.582%

Section 3. Composition/information on ingredients**3.1. Substances****3.2. Mixtures**

Name	CAS	EC	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
BENZALDEHYDE	100-52-7	202-860-4	40.00%	ATO 4-AT1 4-EDI 2-STO-SE 3(RI);H302-H319-H332-H335,-	inhalation: ATE = 1.5 mg/l (dusts or mists)- dermal: ATE = 2500 mg/kg bw-oral: ATE = 1430 mg/kg bw
LIMONENE	5989-27-5	227-813-5	9.58%	FL 3-SCI 2-SS 1B-AH 1-EH A1-EH C3;H226-H304-H315-H317-H400-H412,-	
ACETOPHENONE	98-86-2	202-708-7	8.00%	ATO 4-EDI 2;H302-H319,-	oral: ATE = 500 mg/kg bw

4-METHYLBENZALDEHYDE	104-87-0	203-246-9	8.00%		ATO 4;H302,-	oral: ATE = 1000 mg/kg bw
ETHYL BUTYRATE	105-54-4	203-306-4	5.00%		FL 3-EDI 2;H226-H319,-	
ALLYL CAPROATE	123-68-2	204-642-4	4.00%		ATO 3-ATD 3-ATI 3-EH A1-EH C3;H301-H311-H331-H400-H412,-	inhalation: ATE = 3 mg/l (vapour)-dermal: ATE = 300 mg/kg bw-oral: ATE = 300 mg/kg bw
(E)-4-(2,6,6-TRIMETHYL-1-CYCLOHEXEN-1-YL)-3-BUTEN-2-ONE	79-77-6	201-224-3	4.00%		EH C2;H411,-	
p-METHYL ACETOPHENONE	122-00-9	204-514-8	2.00%		ATO 4-SCI 2;H302-H315,-	oral: ATE = 1400 mg/kg bw
ETHYL ISOVALERATE	108-64-5	203-602-3	2.00%		FL 3-SCI 2;H226-H315,-	
ETHYL HYDROXYPYRONE	4940-11-8	225-582-5	2.00%		ATO 4;H302,-	oral: ATE = 1200 mg/kg bw
METHYLCINNAMIC ALDEHYDE	101-39-3	202-938-8	1.50%		SS 1B;H317,-	oral: ATE = 2050 mg/kg bw
EUGENOL	97-53-0	202-589-1	1.00%		EDI 2-SS 1B;H317-H319,-	oral: ATE = 2500 mg/kg bw
VANILLIN	121-33-5	204-465-2	1.00%		EDI 2;H319,-	dermal: ATE = 2600 mg/kg bw-oral: ATE = 3300 mg/kg bw
BHT (BUTYLATED HYDROXYTOLUENE)	128-37-0	204-881-4	01-2119555270-46-xxxx	0.50%	EH A1-EH C1;H410,-	
DELTA-DAMASCONE	57378-68-4	260-709-8	0.20%		ATO 4-SCI 2-SS 1A-EH A1-EH C1;H302-H315-H317-H410,-	oral: ATE = 1400 mg/kg bw
MYRCENE	123-35-3	204-622-5	0.20%		FL 3-SCI 2-EDI 2-AH 1-EH A1-EH C2;H226-H304-H315-H319-H400-H411,-	

(E)-1-(2,6,6-TRIMETHYL-1,3-CYCLOHEXADIEN-1-YL)-2-BUTEN-1-ONE	23726-93-4	245-844-2	01-2120105798-49-xxxx	0.10%	SCI 2-SS 1A-EH C2; H315-H317-H411,-	dermal: ATE = 2900 mg/kg bw
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Substances with Community workplace exposure limits:

Name	CAS	EC	REACH Registration No.	%	Classification for (CLP) 1272/2008	Specific Conc. Limits, M-factors and ATEs
BHT (BUTYLATED HYDROXYTOLUENE)	128-37-0	204-881-4	01-2119555270-46-xxxx	0.50%	EH A1-EH C1;H410,-	

Substances that are endocrine disruptors according to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, greater than 0.1%:

Not Applicable

Substances that are persistent, bioaccumulative and toxic or very persistent and very bioaccumulative, greater than 0.1%:

Not Applicable

Section 4. First aid measures

4.1. Description of first-aid measures

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact	IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
Ingestion	IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

4.2. Most important symptoms and effects, both acute and delayed

Most Important Symptoms/Effects	Harmful if swallowed. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause respiration irritation.
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4.3. Indication of immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media
Use: Carbon dioxide (CO₂). Foam. Dry chemical.

Extinguishing media which must not be used for safety reasons
Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases
Avoid inhaling the fumes.

5.3. Advice for firefighters

Special protective equipment for fire-fighters
As in any fire, wear self-contained breathing apparatus and full protective gear.

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Avoid inhalation and contact with skin and eyes. Use personal protective equipment.

6.2. Environmental precautions
Prevent entry into waterways, sewers, basements or confined areas.

6.3. Methods and materials for containment and cleaning up
Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapors. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

6.4. Reference to other sections
See Section 8 and 13 for additional information.

Section 7. Handling and storage

7.1. Precautions for Safe Handling

Keep away from heat, sparks, open flames and hot surfaces. – No smoking.
Do not eat, drink or smoke while handling.

7.2. Conditions for safe storage, including any incompatibilities
Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)
Exposure Scenario
No information available.

Other Guidelines
No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

Materials with occupational exposure standards:

Ingredient	CAS	EC	Description	Value
BHT (BUTYLATED HYDROXYTOLUENE)	128-37-0	204-881-4	UK Long-term exposure limit (8-hour TWA) (mg/m3)	10 mg/m³

8.2. Exposure controls**Eye / Skin Protection**

Wear protective gloves/eye protection/face protection

Respiratory Protection

Ensure adequate and ongoing ventilation is maintained in order to prevent buildup of excessive vapor and to ensure occupational exposure limits are adhered to. If appropriate, and depending on your patterns and volumes of use, the following engineering controls may be required as additional protective measures: a) Isolate mixing rooms and other areas where this material is used or openly handled. Maintain these areas under negative air pressure relative to the rest of the plant. b) Employ the use of Personal protective equipment - an approved, properly fitted respirator with organic vapor cartridges or canisters and particulate filters. c) Use local exhaust ventilation around open tanks and other open sources of potential exposures in order to avoid excessive inhalation, including places where this material is openly weighed or measured. In addition, use general dilution ventilation of the work area to eliminate or reduce possible worker exposures. d) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	Liquid	Appearance	Clear pale red to red
Odor	Cherry		

<u>Property</u>	<u>Values</u>	<u>Remarks</u>
pH	No data available	None known
Melting Point/Range	No data available	None known
Boiling Point/Boiling Range	No data available	None known
Flash Point	53 °C	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air	No data available	None known
Vapor Pressure	1.40967146 mmHg	None known
Vapor Density	No data available.	None known
Relative Density	0.9790 – 0.9830	None known
Water Solubility	Insoluble in water.	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition Temperature	No data available	None known
Decomposition Temperature	No data available	None known
Viscosity	No data available	None known
Explosive Properties	No information available	
Oxidizing Properties	No information available	

9.2. Other information

VOC Content (%)	No information available
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Section 10. Stability and reactivity

10.1. Reactivity

Presents no significant reactivity hazard, by itself or in contact with water.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal processing.

10.4. Conditions to avoid

Avoid extreme heat.

10.5. Incompatible materials

Avoid contact with strong acids, alkalis or oxidizing agents.

10.6. Hazardous decomposition products

None expected.

Section 11. Toxicological information

This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

11.1. Information on toxicological effects

- ATE Dermal: 3365
- ATE Oral: 1432
- ATE Vapor: 3.75

Skin corrosion/irritation:

Skin Corrosion / Irritation Category 2

Serious eye damage/irritation:

Eye Damage / Irritation Category 2

Respiratory or skin sensitisation:

Sensitization - Skin Category 1

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

STOT-single exposure:

Specific Target Organ Toxicity (Single Exposure) Category 3

STOT-repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Based on available data the classification criteria are not met.

Information about hazardous ingredients in the mixture:

Ingredient	CAS	EC	LD50/ATE Oral	LD50/ATE Dermal	LC50/ATE Inhalation	LC50 Route
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4- METHYL BENZALDEHYDE	104-87-0	203-246-9	1000	Not available	Not available	Not available
ACETOPHENONE	98-86-2	202-708-7	500	Not available	Not available	Not available
ALLYL CAPROATE	123-68-2	204-642-4	300	300	3	Vapor
BENZALDEHYDE	100-52-7	202-860-4	1430	2500	1.5	Dust/mist
ETHYL HYDROXYPYRONE	4940-11-8	225-582-5	1200	Not available	Not available	Not available
p-METHYL ACETOPHENONE	122-00-9	204-514-8	1400	Not available	Not available	Not available

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information

12.1. Toxicity

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

No information available.

12.4. Mobility in soil

No information available

12.5. Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6. Other adverse effects

This product does not contain any known or suspected endocrine disruptors.

Section 13. Disposal considerations

13.1. Waste treatment methods

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and

into the environment. The soiled packaging should be disposed of in the same way as the product.

Section 14. Transport information

	14.1 UN number or ID number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class (es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN1197	EXTRACTS, LIQUID	3	-	III
IMDG	UN1197	EXTRACTS, LIQUID	3	-	III
ADR,RID,ADN	UN1197	EXTRACTS, LIQUID	3	-	III
ICAO TI	UN1197	EXTRACTS, LIQUID	3	-	III

14.5 Environmental hazards: Not environmentally hazardous for transport

14.6 Special precautions for user: None additional

14.7 Maritime transport in bulk according to IMO instruments:

Not applicable

Section 15. Regulatory information

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

For classification and labelling information see section 2. The classification of this mixture is in accordance with EC 1272/2008 as amended

15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

Section 16. Other information

Key literature references and sources for data

www.ChemADVISOR.com/

Issuing Date 06-Feb-2014

Revision Date 11-Feb-2023

This safety data sheet complies with the requirements of Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No. 1907/2006

General Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
ATD 3	Acute Toxicity - Dermal Category 3
ATI 3	Acute Toxicity - Inhalation Category 3
ATI 4	Acute Toxicity - Inhalation Category 4
ATO 3	Acute Toxicity - Oral Category 3
ATO 4	Acute Toxicity - Oral Category 4
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
EH C2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
EH C3	Hazardous to the Aquatic Environment - Long-term Hazard Category 3
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P264	Wash hands and other contacted skin thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.

P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P301/312	IF SWALLOWED: call a POISON CENTER or doctor/physician if you feel unwell.
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.
P304/340	IF INHALED: Remove victim to fresh air and keep at rest in a position 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. Continue rinsing.
P311	Call a POISON CENTRE or doctor/physician.
P312	Call a POISON CENTRE or doctor/physician if you feel unwell.
P330	Rinse mouth.
P331	Do not induce vomiting.
P332/313	If skin irritation occurs: Get medical advice/attention.
P333/313	If skin irritation or rash occurs: Get medical advice/attention.
P337/313	If eye irritation persists: Get medical advice/attention.
P361	Remove/Take off immediately all contaminated clothing.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P370/378	In case of fire: Use carbon dioxide, dry chemical, foam for extinction.
P391	Collect spillage.
P403/233/235	Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P403/235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
SCI 2	Skin Corrosion / Irritation Category 2
SS 1A	Sensitization - Skin Category 1A
SS 1B	Sensitization - Skin Category 1B
STO-SE 3(RI)	Specific Target Organ Toxicity (Single Exposure) Category 3