SAFETY DATA SHEET (SDS)

AEROSOLS (POWER REFILL AGENT)

Revision date: Mar. 13. 2026

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

1.1 Product identifier

Product Identity	AEROSOLS (POWER REFILL AGENT)
Alternate Names	Not Applicable
Ref No.	19894
UN/NA(PIN)No.	UN1950
Applications	AEROSOLS (POWER REFILL AGENT)
Unique Formula Identifier	APGW-SXSY-3KK0-RFU8
Additional Information	Nanoform is not covered by this SDS

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

Intended Uses and Uses Advised Against	See Technical Data Sheet.

1.3 Details of the supplier of the safety data sheet

Company Name

Customer Service

Email sales@actionsportgames.com

1,4 Emergency telephone number

Emergency 24 hour Emergency Telephone No. 4589281888

Section 2. Hazard identification of the product

2.1 Classification of the substance or mixture

REGULATIONS(EU)2024/2865 , (EU) 2023/707, (EU) 2020/878 amending Regulations EU 2015/830 and (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).
Flammable Aerosol, category 1;H222 Extremely flammable aerosol.
Flammable Aerosol, category 1;H229 Pressurized container: May burst if heated.

2,2 Label elements



Danger

H222 Extremely flammable aerosol.
H229 Pressurized container: May burst if heated.
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.

2,3 Other hazards

May displace oxygen and cause rapid suffocation.

This product contains no PBT/vPvB/vPvM chemicals.
This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients

3,2 Mixtures

If the product contains substances that present a hazard according to Regulation (EC) No.1272/2008 [CLP/GHS], they are listed below.

Ingredient/Chemical Designations	Weight%	ECNo.1272/2008 Classification	Notes
Propane Chemical Abstract Service No.(CASNo.): 74-98-6 EC No. 200-827-9 Index No.: 601-003-00-5 REACH #: 01-2119486944-21	80	Flammable Gas, category1; H220 Liquified Gas;H280	U^CLP3.1 Simple Asphy
HFC-32 Chemical Abstract Service No.(CAS No.): 75-10-5 EC No. 200-839-4 REACH #: 01-2119471312-47	10	Liquified Gas;H280 Flam. Gas 1B;H221	
Butane Chemical Abstract Service No.(CAS No.): 106-97-8 EC No. 203-448-7 Index No.: 601-004-00-0 REACH #: 01-2119474691-32	10	Flammable Gas, category1; H220 Liquified Gas;H280	C;U; S^CLP3.1 Simple Asphy

^CLP31 Reference EC No. 1272/2008 1.1.3.1 Notes relating to the identification, classification and labelling of substances (Table 3.1).
*PBT/vPvB-PBT,vPvMorvPvB-substance.
The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1 Description of first aid measures

Inhalation Immediately remove to fresh air in case of accidental inhalation of vapours. Seek medical advice as soon as possible.

Eye contact For contact with the liquid, immediately flush eyes thoroughly with warm water for at least 15 minutes.
Hold the eyelids open and away from eyeballs to ensure that all surfaces are flushed thoroughly.
Seek medical attention immediately

Skin contact Wash off immedialtely with soap and plenty of water removing all contaminated clothes and shoes. Seek medical advice as soon as possible if irritation or frostbite occurs.

Ingestion Unlikely route of exposure. This product is a gas at normal temperature and pressure.

4.2 Most important symptoms and effects, both acute and delayed

Overview EFFECTS OFOVEREXPOSURE:Overexposure may result in light-headedness, staggering gait, giddiness, and possible nausea. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. May cause eye and skin irritation. SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure. MEDICAL CONDITIONS AGRAVATED BY EXPOSURE: Pre-existing respiratory, skin, and eye disorders. No chronic toxicity or long term toxicity information available. Treat symptomatically. See section 2 for further details.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

Section 5. Fire-fighting measures

5.1 Extinguishing media

CO2, dry chemicals, water spray or fog.

5.2 Special hazards arising from the substance or mixture

Hazardous decomposition: Fire or high temperatures can create carbon monoxide and/or carbon dioxide.
Possible risk of can rupture when exposed to fire/high temperatures.

5.3 Advice for fire-fighters

Evacuate all personnel from danger are. Remove ignition sources if without risk. Use water to disperse vapours. Remove all cylinders from area of fire if without risk.
As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during cleanup immediately after fire. No smoking.

Section 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

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

6,2 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.

6,3 Methods and material for containment and cleaning up

Flammable liquid and gas under pressure forms explosive mixtures with air. Immediately evacuate all presonnel from danger area. Remove all sources of ignition if without risk. Reduce vapors with fog or fine water sparay. Ventilate area or remove cylinders to well ventilated areas.

6,4 Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

Section 7. Handling and storage

7.1 Precautions for safe handling

The gas may explode when heated or on contact with fire and static electricity. Therefore, it is extremely important to keep it from any source of ignition. Avoid contact with skin, eyes and clothing.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry place away from all sources of heat including direct sunlight.
When possible, use appropriate container.

7,3 Specific end use(s)

No available information.

Section 8. Exposure controls / personal protection

8.1 Control parameters

Exposure Limits

CAS No.	Ingredient	Source	Value
74-98-6	Propane	ACGIH	(D) Simple Asphyxiant- (EX) Explosion hazard
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit
75-10-5	HFC-32	ACGIH	No Established Limit
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	7035 mg/m3
		National	No Established Limit
106-97-8	Butane	ACGIH	TWA: 1000ppm(EX) Explosion hazard
		DNEL Local Exposure	No Established Limit
		DNEL Systematic Exposure	No Established Limit
		National	No Established Limit

8.2 Exposure controls

Respiratory protection Make sure that the ventilation is good in the place of use. Self-contained breathing apparatus is needed only when the concentration exceeds the exposure limits or when working during a large gas leak.

Eye/face protection Protective safety glasses recommended

Skin protection Overall or lomg-sleeved work clothing, and closed-in shoes or safety footwear.

Hand protection To prevent frostbites, protecting oil and cold resistant gloves should be worn when using this product.

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.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	Gas
Color	Colorless
Odor	Faint Disagreeable Odor
Odor threshold	No available information
Melting point / freezing point	No available information
Initial boiling point and boiling range	-42 °C
Dew Point	-39.40 °C
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Low Flammability Limit: 1.9% in air Upper Flammability Limit: 9.5% in air
Flash Point	-41°C
Auto-ignition temperature	No available information
Decomposition temperature	No available information
pH	No available information
Viscosity (cSt)	No available information
Solubility in Water	No available information
Partition coefficient n-octanol/water (Log Kow)	No available information
Vapor pressure	107 to 730 kpag (1 bar = 100 kpag)
Relative Density	0.49 to 0.57 (liquid)

Vapor Density	No available information
Evaporation rate (Ether = 1)	No available information
VOC Content	No available information
Oxidising properties	No available information
Explosive properties	No available information
Latent heat of vaporization (Kcal/kg)	102.00
Particle characteristics	Not Applicable

9,2 Other information
No other relevant information.

Section 10. Stability and reactivity

10.1 Reactivity
The product is normally stored under pressure in liquid form. It is fairly stable under normal temperature (below 50 °C) and normal pressure (1 atm) As the gas temperature and pressure change, the gas will react accordingly. Thus, possible dangers may occur.

10.2 Chemical stability
Stable under normal circumstances.

10.3 Possibility of hazardous reactions
No available information.

10,4 Conditions to avoid
No available information

10,5 Incompatible materials
May explode if mixed with oxidizer, nickel carbonyl or oxygen.

10,6 Hazardous decomposition products
Carbon monoxide.

Section 11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity
In theory, LPG is a tranquilizer of the human central nervous system. Therefore, if it comes in direct contact with humans it may be potentially harmful.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapour LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Propane- (74-98-6)	No data available	No data available	No data available	No data available	No data available
HFC-32- (75-10-5)	No data available.	No data available	No data available	No data available	No data available
Butane- (106-97-8)	No data available.	No data available	No data available	No data available	No data available

Classification	Category	Hazard Description
Acute toxicity (oral)	---	---
Acute toxicity (dermal)	---	---
Acute toxicity (inhalation)	---	---
Skin corrosion/irritation	---	---
Serious eye damage/irritation	---	---
Respiratory sensitization	---	---
Skin sensitization	---	---

Germ cell mutagenicity	---	---
Carcinogenicity	---	---
Reproductive toxicity	---	---
STOT-single exposure	---	---
STOT-repeated exposure	---	---
Aspiration hazard	---	---

11.2 Information on other hazards

11.2.1 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

11.2.2. Irritation and corrosion

Irritation and corrosion INHALED: irritation of the respiratory tract. At moderate exposures, subject is likely to have headaches or experience dizziness. At high exposure, lack of oxygen may result in consciousness and respiratory arrest. EYE:May cause irritation, with a possibility of of freezing due to rapid evaporation. SKIN: Excessive and prolonged contact with the liquid can cause skin irritation and frostbite due to rapid evaporation.

Section 12. Ecological information

12,1 Toxicity

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	3hr IC50 Bacteria mg/L	Biodegradability %
Propane- (74-98-6)	53.14, Fish	29.66, Daphnia	20.59, green algae	No data available.	No data available.
HFC-32- (75-10-5)	1,507.00, Fish	1,573.00, Daphnia magna	142.00 Algae	No data available.	5.00
Butane- (106-97-8)	25.37, Fish	14,82 Daphnia	12.41 green algae	No data available.	Readily biodegradable

12,2 Persistence and degradability

There is no data available on the preparation itself.

12,3 Bioaccumulative potential

No available information.

12,4 Mobility in soil

No available information.

12,5 Results of PBT and vPvB assessment

This product contains no PBT/vPvB/vPvM chemicals.

12,6 Endocrine disrupting properties

This product contains no endocrine disrupting chemicals.

12,7 Other adverse effects

No adverse ecological effects expected.

Propane does not contain any Class I or Class II ozone-depleting chemicals. Prppane is not listed as a marine polluttant.

Section 13. Disposal considerations

13,1 Waste treatment methods

Do not puncture or incinerate even when empty.

Dispose of in accordance with local autohroty requirements.

Section 14. Transport information



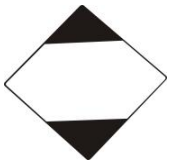
		ADR/RID	IMO/IMDG(Ocean Transportation)	ICAO/IATA
14.1	**UN number**	UN1950	UN1950	UN1950
14,2	**UN proper shipping name**	Aerosols, Limited Quantity	Aerosols, Limited Quantity	Aerosols, Limited Quantity
14,3	**Transport hazard class(es)**	Class: 2.1 Sub Class: Not Applicable	Class: 2.1 Sub Class: Not Applicable	Class: 2.1 Sub Class: Not Applicable
14,4	**Packing group**	Not Applicable	Not Applicable	Not Applicable

14,5 Environmental hazards

IMDGMarine Pollutant: No;

14,6 Special precautions for user

Land transport

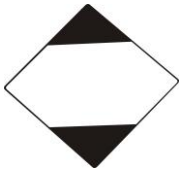


ADR/RID labels dg-placard class 2.1 Limited Quantities

Classification code (ADR)	5F
Special provisions (ADR)	190,327,344,625
Limited quantities (ADR)	1L
Excepted quantutues (ADR)	LQ
Packing instructions (ADR)	P207
Special packing provisions (ADR)	PP87,RR6,L2
Mixed packing provisions (ADR)	MP9
Transport category (ADR)	2
Special provisions for carriage- Packages (ADR)	V14
Special provisions for carriage - Loading,unloading and handling (ADR)	CV9,CV12
Special provisions for carriage - Operation (ADR)	S2
Tunnel restriction code (ADR)	D

Transport by sea

Special provisions (IMDG) :	63,190,277,327,344,381,959
Limited quantities (IMDG)	SP277
Excepted instructions (IMDG)	LQ
Packing instructions (IMDG)	P207
Special packing provisions (IMDG)	PP87,L2
EmS-No. (Fire)	F-D
Ems-No. (Spillage)	S-U



Stowage category (IMDG)	None
Stowage and handling (IMDG)	SW1,SW22
Segregation (IMDG)	SG69

14,7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not Applicable

Section 15. Regulatory information

15,1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

REGULATIONS(EU) 2024/2865 , (EU) 2023/707, (EU) 2020/878 amending Regulations EU 2015/830 (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, and Authorization and Restriction of Chemicals (REACH). REGULATION (EC) 1272/2008 on the classification, labeling and packaging of substances and mixtures (CLP).

Candidate List of SVHC for Authorisation: Not Applicable

Annex XVII- Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles:

Butane	(Use restricted. See item 28. (C) (containing >=0.1% Butadiene); Use restricted. See item 29. (C See item 3. (liquid). See Item 40.)
HFC-32	(Use restricted. See item 40. See item 3. (liquid).)
Propane	(Use restricted. See item 40. See item 3. (liquid).)

15,2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out.

Section 16. Other information

Revision Date

Revision Number 1

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.

The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.
H221 Flammable gas.
H280 Contains gas under pressure; may explode if heated.
ACGIH- American Conference of Governmental Industrial Hygienists
ADR-International Carriage of Dangerous Goods by Road (Accord Dangereux Routier)
CAS-Chemical Abstracts Service
CLP- Classification Labeling and Packaging
DOT-Department of Transportation
EC- European Commission
EC50- Half maximal effective concentration
ErC50- EC50 in terms of reduction of growth rate
GHS-Globally Harmonized System
IARC- International Agency for Research on Cancer
IATA- International Air Transport Association
IC50- Half Maximal Inhibitory Concentration
ICAO- International Civil Aviation Organization
IMDG-International Maritime Dangerous Goods Code
IMO-International Maritime Organization
LC50- Lethal Concentration of a substance at which 50% of test animals die
LD50- Lethal Dose at which 50% of the animals will be expected to die

NIOSH- National Institute for Occupational Safety and Health
NTP- National Toxicology Program
OSHA-Occupational Safety and Health Administration
PBT- Persistent, Bioaccumulative and Toxic Chemicals
PEL- Permissible Exposure Limit
REACH-Registration, Evaluation, Authorization and Restriction of Chemicals
RID- Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL- Short Term Exposure Limit
TWA-TimeWeighted Average
vPvB- Very Persistent and very Bio-accumulative
WGK-Water Hazard Class
Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flammable Aerosol, category 1;H222	On basis of test data
Flammable Aerosol, category 1;H229	On basis of test data

End of Document