

## SAFETY DATA SHEET

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 IDENTIFICATION OF THE PREPARATION: GAS HORN

**1.2 COMPANY IDENTIFICATION:** SIMPLY BREATHE LTD, Unit 4, Beverley Business Centre, St. Nicholas Road, Beverley, HU17 0QT

**1.3 EMERGENCY TELEPHONE NUMBER:** +44 7955 353060 (sygrovemattthew@gmail.com)

### SECTION 2: HAZARDS IDENTIFICATION

**To man:** The container exposed to temperatures exceeding 50 °C (122 °F) may become deformed and burst. Breathing high concentrations of gas may cause light-headedness, shortness of breath and unconsciousness.

**To environment:** See Section 12

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE	STATE	CAS No	SYMBOL	FLAMMABLE	GWP
Carbon Dioxide <sup>a</sup>	Gas	124-38-9	CO <sub>2</sub>	No	1
Activated Carbon HDS <sup>b</sup>	Solid	7440-44-0	C	No	Not Applicable

<sup>a</sup> Exempt from registration <sup>b</sup> REACH Registration: 01-2119488894-16-0007/8

**Classification under CLP: No classification**

### SECTION 4: FIRST AID MEASURES

- Inhalation: Move to fresh air in case of inhalation. Call for prompt medical attention.
- Ingestion: Do not induce vomiting unless directed by a physician. Seek medical attention immediately.
- Skin Contact: If irritation persists, seek medical attention.

- Eyes Contact: Flush eyes with large amounts of water until irritation subsides. Call for prompt medical attention.

## SECTION 5: FIRE – FIGHTING MEASURES

- Suitable extinguishing media: Water. Carbon dioxide. Dry chemical powder.
- **Extinguishing media which must not be used for safety reasons: None.**
- **Special hazards arising from the substance or preparation itself, combustion products, resulting gases: In combustion, emits fumes of carbon monoxide and carbon dioxide.**
- Special protective equipment for fire-fighters: Aerosol containers exposed to fire should be cooled by spraying with cold water. Wear self-contained breathing apparatus.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal precautions: Avoid breathing vapours.
- Environmental precautions: Do not discharge the can contents into drains or rivers
- Methods for cleaning up: Transfer to a suitable container for disposal.

## SECTION 7: HANDLING AND STORAGE

- Handling: Avoid inhalation.
- Storage: Protect from sunlight and do not expose to temperature exceeding 50 °C (122 °F). Keep the containers in a secure position to avoid rupture.. Keep container in a cool, well-ventilated area.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION (PPE)

SUBSTANCE/PROPERTY	LIMIT VALUE
CARBON DIOXIDE	0.5 % v/v (WEL)
ACTIVATED CARBON HDS	1 mg/m <sup>3</sup> (8 hour TWA)
SOUND INTENSITY	120 dB

### Exposure controls:

In normal use no particular respiratory, hand, eye or skin protection is required. Close proximity to the ear should be avoided when the can is actuated. The can should be disposed after use according to the regional or national regulations. Ensure adequate ventilation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### **CARBON DIOXIDE**

Appearance: Colourless gas with slight odour

Relative Density at 20 °C: 1.52

Pressure of container at 50 °C: <15barg

Flammability: Not flammable

Solubility in water: Soluble

### **ACTIVATED CARBON HDS**

Physical State: Solid

Appearance/Odour: Black, odourless granules

Specific Gravity (Water=1): 0.40 – 0.60

Bulk Density: > 400 kg/m<sup>3</sup>

Solubility in water: Insoluble

### **SECTION 10: STABILITY AND REACTIVITY**

- Conditions to avoid: Aerosol containers overheated with temperatures exceeding 50 °C (122 °F) may deform and burst.
- Materials to avoid: Stable under normal conditions.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

In order to evaluate the toxicological effects deriving from the exposure to the components, it is necessary to consider the concentration of the single substances. Toxicological information regarding the main substances included in the compound are listed as follows:

### **CARBON DIOXIDE**

There are no known toxicological effects from this substance under normal use.

In high concentrations (>8 %) carbon dioxide causes rapid circulatory insufficiency. Symptoms are headache, nausea and vomiting. May lead to loss of consciousness.

### **ACTIVATED CARBON HDS**

- Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
- Skin: May be harmful if in prolonged contact with the skin. May cause skin irritation.
- Eyes: May cause eye irritation.

Ingestion: No symptoms

## **SECTION 12: ECOLOGICAL INFORMATION**

In order to evaluate effects on environment, it is necessary to consider the concentration of the two substances.

### **CARBON DIOXIDE**

#### 12.1. Ecotoxicity

When discharged into the atmosphere in large quantities it may contribute to the greenhouse effect.

#### 12.2. Persistence and degradability

Not applicable.

#### 12.3. Bioaccumulative potential

Not applicable.

#### 12.4. Mobility in soil

The substance is a gas, not applicable.

#### 12.5. Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

#### 12.6. Other adverse effects

Global Warming Potential GWP: 1

### **ACTIVATED CARBON HDS**

#### 12.1 Ecotoxicity

Negligible

#### 12.2. Persistence and degradability

Not biodegradable

12.3. Bioaccumulative potential

None

12.4. Mobility in soil

Water insoluble; non-volatile

12.5. Results of PBT and vPvB assessment

Not classified as PBT or vPvB.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **ACTIVATED CARBON HDS**

Material can be disposed as normal industrial waste in accordance with local law and regulations.

## **SECTION 14: TRANSPORT INFORMATION**

RINA: M.M.M. 2-42 ADR/RID: UN 1950, Aerosol, 2, ADR (Ed. 2001), LQ2 (Cap. 3.4.6, Colonna 7) IMDG: UN No. 1950, Classe 2.2 Aerosols, Code IMDG page 2102, Ems: F-D ICAO/IATA: UN 1950

## **SECTION 15: REGULATORY INFORMATION**

In accordance with European regulation 94/1EEC, 75/324/EEC, 2001/58/EC, 67/548/EEC, 99/45/EC, 2001/59/EC, 2001/60/EC, Regulation (EU) No 517/2014 of the European Parliament and of the Council of 16 April 2014 on fluorinated greenhouse gases and repealing Regulation (EC) No 842/2006

**(H229) Pressurised container: May burst if heated. (P410) Protect from sunlight. (P412) Do not expose to temperatures exceeding 50°C. (P251) Do not pierce or burn, even after use. (P210) Keep away from heat, sparks, open flames and other ignition sources. Keep out of reach of children.**

Water Pollution Class: Not polluting to waters according to VwVwS.

## **SECTION 16: OTHER INFORMATION**

This product must be conserved, handled and used in accordance with safety and hygiene directives of well industrial practice and in accordance with regulation in force.

To the best of our knowledge, the information contained herein is accurate. However we cannot guarantee that this information is sufficient and correct to cover all cases and does not replace medical opinion.

(1): Following the Directive 67/548/EEC, Directive 1999/45/EC and further updated.

*In accordance with: Regulation (EU) No: 842/2006, Regulation (EU) No: 1907/2006, Regulation (EU) No: 1272/2008, Regulation (EU) No: 517/2014, Labelling Aerosols According to the Aerosol Dispensers Directive 2013/10/EU.*