

ECO-FREEZE ECO22

(Aerosol – can)

E.F.INTERNATIONAL BVBA Sint Bernardsesteenweg 639
BE2660 Antwerp Belgium - Tel: +32 3 2946987 - fax: +32 32946937 info@eco-freeze.com

Hoja Datos Seguridad

de acuerdo con la regulacion (CE) No 453/2010

SECCIÓN 1: Identificación de la sustancia / mezcla y de la empresa

1.1. Identificador del producto

Forma del producto: Mezcla

Nombre del producto : Aerosol

Grupo del producto : Producto comercializado

1.2. Usos relevantes de la identificación de la sustancia o mezcla y advertencias

1.2.1. Identificación de usos relevantes

Uso específico profesional / Industria : Solo profesionales.

1.2.2. Advertencias de uso

No se especifica información adicional.

1.3. Detalles del proveedor de la hoja de seguridad

BEST INC.LIMITED

Rooms 1318-20, 13/F Hollywood Plaza, 610 Nathan Road, Mongkok, Kowloon, Hong Kong

1.4. Número del Teléfono de Emergencias

Número emergencias : +852-31758067

SECCIÓN 2: Identificación de peligros

2.1. Clasificación de la sustancia o mezcla

Clasificación de acuerdo a la Regulación(CE) No 1272/2008 [CLP]

Aerosol 1 H222;H229

Texto completo de frases H: ver sección 16

Clasificación sobre la Directiva 67/548/CEE o 1999/45/CEE F+;

R12

Texto completo de frases H: ver seccion 16

Efectos fisicoquímicos adverso sobre la salud humana y el medio ambiente No se especifica información adicional.

2.2. Elementos de etiquetaje

Etiquetado acorde a la regulación (CE) No 1272/2008 [CLP]



Pictogramas de peligro (CLP)

GHS02

Palabra señal (CLP) Peligro

Indicaciones de peligrosidad (CLP) H222 - Aerosol extremadamente inflamable.

H229 - Contenido a presión: puede explotar si se calienta

Indicaciones de precaución (CLP) : P210 - Mantener alejado del calor, superficies calientes, chispas, llamas encendidas y otros elementos calientes. No fumar.

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P271 - Usar en exterior o areas bien ventiladas.

P260 - No inhalar.

P211 - Aerosol a presión: proteger de los rayos de sol y no exponer a temperaturas de + 50°C. No perforar ni quemar incluso despues de su uso.

2.3. Qwt qu't gli t qu

No se especifica información adicional

SECCIÓN 3: Información de los componentes

3.1. Substancia

No aplicable.

3.2. Mezcla

Esta mezcla no contiene ninguna substancia que sea mencionada acorde el criterio de la sección 3.2 de REACH Anexo II

SECCIÓN 4: Primeros auxilios

4.1. Descripción de los primeros auxilios

Primeros auxilios :No suministrar nada por via oral a una persona inconsciente. Si no se encuentra bien,busque consejo médico. (Enseñe la etiqueta en la medida de lo posible).

Primeros auxilios despues de inhalar : Tos. Respire aire fresco. Dejar descansar a la víctima.

Primeros auxilios despues del contacto con la piel: Desconjelar la piel con agua tibia. No frotar el area afectada.

Primeros auxilios despues del contanco con los ojos: El contacto directo con los ojos es irritante. Enjuage con cuidado con agua durante un buenrato. Quitar lentes de contacto si se llevan y resulte fácil de hacer. Continuar enjuagando.

Primeros auxilios despues de la ingestión : Enjuagar.

4.2. Síntomas y efectos mas importantes

Sintomas/daños despues de la inhalación Falta de aliento.

4.3. Indicación para la atención médica inmediata y cuidados necesarios

No se especifica información adicional.

SECCIÓN 5: Medidas contra el fuego

5.1. Modo de extinción

Modo adecuado de extinción : Espuma. Polvo seco. Dioxido de carbono. Agua en spray. Arena.

Modo no adecuado de extinción : No usar una corriente de agua fuerte.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Extremely flammable aerosol.

Explosion hazard : Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.

Hazardous decomposition products in case of fire: Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when

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fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment. DO NOT fight fire when fire reaches explosives. Evacuate area.

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

SECCIÓN 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No naked lights. No smoking. Isolate from fire, if possible, without unnecessary risk. Remove

ignition sources. Use special care to avoid static electric charges.

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. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECCIÓN 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Hazardous waste due to potential risk of explosion. Pressurized container: Do not pierce or burn, even after use.

Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour.

Do not spray on an open flame or other ignition source. Keep away from sources of ignition - No smoking. No naked lights. No smoking.

Hygiene measures : Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Observe the official regulations regarding the storage of pressurised containers. Do not expose to temperatures exceeding 50°C/ 122°F.

Incompatible products : Strong bases. strong acids.

Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

No additional information available

SECCIÓN 8: Exposure controls/personal protection **8.1. Control parameters**

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No additional information available

8.2. Exposure controls

Personal protective equipment : Avoid all unnecessary exposure.

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Other information : When using, do not eat, drink or smoke.

SECCIÓN 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Colourless.

Odour : characteristic.

Odour threshold : No data available

pH : No data available

Relative evaporation rate (butylacetate=1) : No data available

Melting point : No data available

Freezing point : No data available

Boiling point : No data available

Flash point : No data available

Self ignition temperature : No data available

Decomposition temperature : No data available

Flammability (solid, gas) : Extremely flammable aerosol

Vapour pressure : No data available

Relative vapour density at 20 °C : No data available

Relative density : No data available

Solubility : No data available

Log Pow : 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 : 1,5 - 9,5 vol %

9.2. Other information

Gas group : Liquefied gas

SECCIÓN 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Extreme risk of explosion by shock, friction, fire or other sources of ignition.

10.3. Possibility of hazardous reactions

Not established.

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10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Heat. Sparks. Open flame. Overheating.

10.5. Incompatible materials

strong acids. Strong bases.

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECCIÓN 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Based on available data, the classification criteria are not met

Serious eye damage/irritation : Not classified

Based on available data, the classification criteria are not met

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: Based on available data, the classification criteria are not met.

SECCIÓN 12: Ecological information 12.1.

Toxicity

No additional information available

12.2. Persistence and degradability

Persistence and degradability Not established.

12.3. Bioaccumulative potential

Bioaccumulative potential Not established.

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

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12.6. Other adverse effects

Avoid release to the environment

SECCIÓN 13: Disposal considerations

13.1. Waste treatment methods

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

Container under pressure. Do not drill or burn even after use.

Additional information : Flammable vapours may accumulate in the container.

Ecology - waste materials : Avoid release to the environment.

SECCIÓN 14: Transport information

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

14.1. UN number

UN-No. (ADR) : 1950

UN-No. (IMDG) : 1950

UN-No.(IATA) : 1950

UN-No.(ADN) : 1950

UN-No. (RID) : 1950

14.2. UN proper shipping name

Proper Shipping Name (ADR) : AEROSOLS

Proper Shipping Name (IMDG) : AEROSOLS

Proper Shipping Name (IATA) : AEROSOLS, FLAMMABLE

Proper Shipping Name (ADN) : AEROSOLS

Proper Shipping Name (RID) : AEROSOLS

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 2.1



Hazard labels (ADR) : 2.1

:

IMDG

Transport hazard class(es) (IMDG) : 2.1



Danger labels (IMDG) : 2.1

IATA

Transport hazard class(es) (IATA) : 2.1

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Hazard labels (IATA) : 2.1

ADN

Transport hazard class(es) (ADN) : 2.1



Danger labels (ADN) : 2.1

RID

Transport hazard class(es) (RID) : 2.1



Danger labels (RID) : 2.1

14.4. Packing group

Packing group (ADR) : No applicable.

Packing group (IMDG) : No applicable.

Packing group (IATA) : No applicable.

Packing group (ADN) : No applicable.

Packing group (RID) : No applicable.

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

14.6.1. Overland transport

Classification code (ADR) : 5F

Special provision (ADR) : 190, 327, 344, 625

Limited quantities (ADR) : 1L

Excepted quantities (ADR) : E0

Packing instructions (ADR) : P207, LP02

Special packing provisions (ADR) : PP87, RR6, L2

Mixed packing provisions (ADR) : MP9

Transport category (ADR) : 2

Special provisions for carriage - Packages: V14
(ADR)

Special provisions for carriage - Loading and unloading: CV9, CV12
(ADR)

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Special provisions for carriage - Operation: S2
(ADR)

Tunnel restriction code (ADR) : D

14.6.2. Transport by sea

Special provision (IMDG) : 63, 190, 277, 327, 344, 959

Limited quantities (IMDG) : SP277

Excepted quantities (IMDG) : E0

Packing instructions (IMDG) : P207, LP02

Packing provisions (IMDG) : PP87, L2

Stowage category (IMDG) : None

Stowage and segregation (IMDG) : Protected from sources of heat?For AEROSOLS with a maximum capacity of 1 litre: Category A.

Segregation as for class 9 but 'Separated from' class 1 except division 1.4.?For AEROSOLS with a capacity above 1 litre: Category B. Segregation as for the appropriate sub-division of class 2.?For WASTE AEROSOLS: Category C. Clear of living quarters. Segregation as for the appropriate sub-division of class 2.

14.6.3. Air transport

PCA Excepted quantities (IATA) : E0

PCA Limited quantities (IATA) : Y203

PCA limited quantity max net quantity (IATA) : 30kgG

PCA packing instructions (IATA) : 203

PCA max net quantity (IATA) : 75kg

CAO packing instructions (IATA) : 203

CAO max net quantity (IATA) : 150kg

Special provision (IATA) : A145, A167

ERG code (IATA) : 10L

14.6.4. Inland waterway transport

Classification code (ADN) : 5F

Special provision (ADN) : 19, 327, 344, 625

Limited quantities (ADN) : 1 L

Excepted quantities (ADN) : E0

Equipment required (ADN) : PP, EX, A

Ventilation (ADN) : VE01, VE04

Number of blue cones/lights (ADN) : 1

Not subjected to ADN : No

14.6.5. Rail transport

Special provision (RID) : 190, 327, 344, 625

Limited quantities (RID) : 1L

Excepted quantities (RID) : E0

Packing instructions (RID) : P207, LP02

Special packing provisions (RID) : PP87, RR6, L2

Mixed packing provisions (RID) : MP9

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Transport category (RID) : 2

Special provisions for carriage – Packages (RID) : W14

Special provisions for carriage – Loading and unloading (RID): CW9, CW12

Colis express (express parcels) (RID) : CE2

Hazard identification number (RID) : 23

Carriage prohibited (RID) : No

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

Not applicable

SECCIÓN 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

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

SECCIÓN 16: Other information

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 mixturejs,amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

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

Aerosol 1: Aerosol, Category 1

H222: Extremely flammable aerosol

H229: Pressurized container: may burst if heated

R12: Extremely flammable

F+: Extremely flammable

SDS EU (REACH Annex II)

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