# SAFETY DATA SHEET


Issued: 08/05/2015; Revision No.1
Regulation (EU) No.453/2010

## 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

**1.1 Product Identifier**

Material name : Ice Cold

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

Product use : First aid spray

**1.3 Details of the supplier of the safety data sheet**

Manufacturer/Supplier: The Jason Group Ltd.,
Unit G Sheriff House
Nantwich Road
Middlewich
Cheshire
CW10 0LH

Tel. : 01606 836897
Fax. : 01606 841610

Email (for SDSs) : info@thejasongroup.com

**1.4 Emergency tel. no.:** 01606 836897 (Office hours)

## 2. HAZARDS IDENTIFICATION

**2.1 Classification of the substance or mixture**

**According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:**

Extremely Flammable Aerosol Category1

**2.2 Label elements**

**Labelling according to EC Directives: 1272/2008/EC:**

Signal word: Danger
Pictogram(s):



| | | |
|---|---|---|
| H-Statements: | H222 | Extremely flammable aerosol. |
| | H229 | Pressurised container: May burst if heated. |
| P-Statements: | P261 | Avoid breathing vapour/spray. |
| | P271 | Use only outdoors or in a well-ventilated area. |
| | P304 + P340 | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| | 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+P412 | Protect from sunlight. Do not expose to temperatures exceeding 50°C. |

**2.3 Other hazards**

In use, may form flammable / explosive vapour-air mixture.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.2 Mixtures:**

**Hazardous components**

| Chemical Name | CAS No./ EC No./ Reg. No | Classification (1272/2008/EC) | Content |
|---|---|---|---|
| ETHANOL | 64-17-5<br>200-578-6 | Flam.Liq.2; H225 | 10-20% |
| LIQUEFIED PETROLEUM GAS<br><br>(contains <0.1% 1,3-butadiene) | 68476-85-7<br>270-704-2<br>- | Flam.Gas 1; H220<br>Gas under pressure; H280 | 60-90% |

See Section 16 for the full text of the H-statements noted above.

## 4. FIRST AID MEASURES

**4.1 Description of first aid measures**

**General advice:** Remove casualty from exposure ensuring one's own safety whilst doing so. Take off any contaminated clothing and shoes/boots immediately. Never give anything by mouth to an unconscious person.

**Skin contact**: Wash with soap and water. Seek medical advice if irritation develops.

**Eye contact**: Rinse with water for 10 minutes and seek medical advice if irritation persists.

**Ingestion**: Rinse mouth with water and give water to drink. Do not induce vomiting. Seek medical advice.

**Inhalation**: Remove to fresh air. Seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed:** No specific concerns.

**4.3 Indication of any immediate medical attention and special treatment needed:** No specific concerns.

## 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing media**

Suitable extinguishing media: Carbon dioxide; dry chemical powder; alcohol or polymer foam.

Unsuitable extinguishing media: High volume water jet

**5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting: Irritating/toxic fumes may be released at elevated temperatures.

**5.3 Advice for fire-fighters:**

Special protective equipment: Wear self-contained breathing apparatus. Use personal protective equipment.

Further information: Standard procedure for chemical fires. Use water spray to cool containers.
Do not allow fire run-off to enter drains.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Evacuate personnel to safe areas. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Use personal protective equipment to deal with spillage.

### 6.2 Environmental precautions

Contain the spillage using sufficient appropriate absorbent material. Do not discharge into drains or rivers, but if contamination to waterways has occurred, inform local authorities.

### 6.3 Methods and materials for containment and cleaning up

Wipe up liquid spillage with absorbent material such as sand, earth, or vermiculite, and place in a labelled container for disposal in accordance with local/national regulations.

### 6.4 References to other sections

See sections 8 and 13 for personal protection and disposal information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Do not breathe spray mist. Handle with care.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, well ventilated area, below 50°C. Protect from frost, heat and sunlight. Keep away from food, drink and animal feed.

**7.3 Specific end use(s):** No information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

| Chemical name | 8hr TWA | 15min STEL | Reference |
|---|---|---|---|
| Ethanol | 1920 mg/m$^3$/1000ppm | - | EH40/2005 |
| Liquefied petroleum gas | 1750 mg/m$^3$/1000ppm | 2810 mg/m$^3$/1250 ppm | EH40/2005 |

### 8.2 Exposure controls

**Engineering measures**: Ensure there is sufficient ventilation of the area.

**Personal protective equipment**

**Respiratory protection**: Unlikely to be necessary in normal circumstances.

**Hand protection**: Not applicable given the product usage.

**Eye protection**: Not required.

**Skin and body protection**: General workwear.

**8. 2 Exposure controls (continued)**

**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practices. Do not eat or drink whilst using the product. Wash hands before breaks and at the end of the work day. Wash contaminated clothing before re-use.

**Environmental exposure controls:** Do not discharge into drains or rivers.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**9.1 Information on basic physical and chemical properties**

| | |
|---|---|
| **State and colour** | Aerosol emitting colourless spray. |
| **Odour** | Alcohol |
| **Odour Threshold** | No data available |
| **Flammability** | Extremely flammable |
| **Flash point** | <0°C |
| **Lower explosion limit** | 0.8% |
| **Upper explosion limit** | 19.0% |
| **Explosive properties** | Not explosive |
| **Thermal decomposition** | No data available |
| **Auto-ignition temperature** | >230°C |
| **Oxidising properties** | Non-oxidising |
| **Solubility in water** | Insoluble |
| **Solubility in other solvents** | Soluble in most organic solvents. |
| **pH** | Not applicable |
| **Melting point/range** | No data available |
| **Boiling point/range** | No data available |
| **Relative density** | No data available |
| **Vapour pressure** | No data available |
| **Vapour density** | No data available |
| **Partition coefficient: n-octanol/water** | No data available |
| **Viscosity (kinematic)** | Non-viscous (liquid material) |
| **Evaporation rate** | No data available |

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **10.1 Reactivity** | Generally non-reactive. |
| **10.2 Chemical stability** | Stable under normal conditions. |
| **10.3 Possibility of hazardous reactions** | None if stored and used as directed. |
| **10.4 Conditions to avoid** | None known. |
| **10.5 Incompatible materials** | None known. |
| **10.6 Hazardous decomposition products** | Oxides of carbon. |

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

**Acute toxicity**

| Chemical name | Oral (LD50) | Inhalation (LC50) | Dermal (LD50) |
|---|---|---|---|
| Ethanol | >10470 mg/Kg (Rat) | >20mg/l (Mouse) 4h | >15800 mg/Kg (Rat) |
| Liquefied petroleum gas | Not applicable | >20mg/l (Rat) 4h | Not applicable |

**Skin corrosion/irritation:** Not classed as a skin irritant.

**Serious eye damage/eye irritation:** May cause slight irritation at high concentrations.

**Respiratory or skin sensitisation:** Not classed as a respiratory or skin sensitizer.

**Repeated dose toxicity:** Not expected to be a hazard.

**Carcinogenicity:** Not carcinogenic.

**Mutagenicity:** Not mutagenic.

**Toxicity for reproduction:** Not expected to be a hazard.

**Specific target organ toxicity (STOT):** No data available.

**Further information**

The product as a whole may cause irritation of skin, eyes, nose and upper respiratory tract if exposed to high levels of spray mist.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

| Chemical name | Species | Test | Value |
|---|---|---|---|
| Ethanol | Daphnia | EC50 48h | 12.34 mg/l |
| | Golden Orfe | LC50 48h | >100 mg/l |
| | Algae | EC50 48h | >100 mg/l |

Physical properties indicate that petroleum gases will rapidly volatilise from the aquatic environment and that acute and chronic effects would not be observed in practice.

**12.2 Persistence and degradability** Liquefied petroleum gas is expected to be readily biodegradable. Oxidises rapidly by photochemical reactions in air.

**12.3 Bioaccumulative potential** Not expected to bioaccumulate significantly.

**12.4 Mobility in soil** The liquid content is soluble in water and will disperse readily.

**12.5 Results of PBT and vPvB assessment** Contains no PBT or vPvB substances.

**12.6 Other adverse effects** None expected.

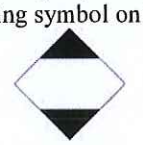
## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Disposal operations: Dispose of in accordance with local and national regulations.
Contact licensed waste disposal company. Most aerosols can be recycled.
Do not pierce or burn or use a cutting torch on the empty aerosol container.

## 14. TRANSPORT INFORMATION

General Information: The UN number for all aerosols is 1950. Aerosols packed in fibreboard cartons up to 30 kg gross weight, or shrink/stretch wrapped onto trays up to 20 kg gross weight may be transported as Limited Quantities, and should display the following symbol on the pack:



### 14. Transport information (continued)

The following information relates to all other aerosols not transported as Limited Quantities:

| | | |
|---|---|---|
| **14.1 UN number** | ADR/RID/ADN; IMDG; ICAO | 1950 |
| **14.2 UN proper shipping name** | AEROSOLS | |
| **14.3 Transport hazard class(es)** | ADR/RID/ADN Class | 2, 5F |
| | ADR/RID/ADN Class | Class 2, Gases |
| | ADR Label No. | 2.1 |
| | IMDG Class | 2 |
| | ICAO Class/Division | 2 |
| | ICAO Subsidiary risk | 2.1 |
| | Transport labels |  |
| **14.4 Packing Group** | ADR/RID/ADN; IMDG; ICAO | Not applicable for aerosols |
| **14.5 Environment hazards** | Marine Pollutant | Not applicable for aerosols. |
| **14.6 Special precautions for user** | EMS | F-D,S-U |

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable for aerosols.

## 15. REGULATORY INFORMATION

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

**UK Regulatory References**
The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

**EU Directives**
Regulations (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 with amendments.

**Statutory Instruments**
The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

**Guidance Notes**
Health and Safety Executive Workplace Exposure Limits EH40.

### 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been performed on this product.

## 16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Commission Regulation (EU) No.453/2010.

**Full text of H-statements referred to under sections 2 and 3**

H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H229 Pressurised container: May burst if heated.
H280 Contains gas under pressure, may explode if heated.

**Abbreviations and acronyms**

CAS: Chemical Abstract Service (division of the American Chemical Society). {Section 3}.
STOT: Single Target Organ Toxicity (Section 11).
TWA: Time-weighted average. (Section 8).
STEL: Short-term exposure limit. (Section 8).
PBT: Persistent, Bioaccumulative, Toxic. (Section 12).
vPvB: very Persistent and very Bioaccumulative. (Section 12).

**Legal disclaimer**: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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