Material Safety Data Sheet

According to (EC) No. 1907/2006 (REACH) Annex II and (EC) No. 1272/2008

CE241 - Olympia Chafing Gel Ethanol 200g (Pack 12)

Section 1 - Identification of the preparation and of the company

Reach registration numbers: 01-2119457610-43-0000 to 01-2119457610-43-0329

1.2 Details of the supplier of the safety date sheet:

Manufacturer:	Olympia
Address:	Fourth Way, Avonmouth
Post code:	BS11 8TB
Emergency Tel / Enquires:	0845 146 2887

1.3 Chemical uses : Used as heat source with Chafing Dishes to keep food warm.

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Flammable liquids (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

R11:Highly flammable.

2.2 Labelling according Regulation (EC) No 1272/2008 [CLP]

The Assigned Pictogram:

Signal word: Danger

Hazard statement(s): H225 Highly flammable liquid and vapour.

Precautionary statement(s): P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Other: S2 - keep out of the reach of children
S 7 Keep container tightly closed.
S16 Keep away from sources of ignition - No smoking.

2.3 Other hazards – none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Formula	Composition	EC No.	Classification
Ethanol	64-17-5	C_2H_6O	XXXXX%	200-578-6	67/548/EEC: F, R11 CLP: Flamable Liquid; Cat 2

4. FIRST AID MEASURES

4.1 Description of first aid measures General advice:
Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled:
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact:
Wash off with soap and plenty of water. Consult a physician.

In case of eye contact:
Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed:
Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed
Central nervous system depression, narcosis, Damage to the heart. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed
no data available

5. FIREFIGHTING MEASURES

5.1 Suitable extinguishing media
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture
Carbon oxides

5.3 Advice for Fire-fighters
Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information
Use water spray to cool unopened containers.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:
Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions:
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up:
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet brushing and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections:
For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.
Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities:
Store in cool place. Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Hygroscopic

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure limits:
No exposure limits is listed for this product.

8.2 Exposure controls

Appropriate engineering controls:
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and the end of workday.

Personal protective equipment:
Eyes: Use chemical safety goggles.
Skin: Wear appropriate protective gloves.
Clothing: Wear appropriate protective clothing.

Respiratory protection:
Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance Form:	liquid, clear
Colour:	colourless
Odour:	no data available
Odour Threshold:	no data available
pH:	no data available
Melting point/freezing Point:	-144.0 °C
Initial boiling point and boiling range:	78.0 - 80.0 °C
Flash point:	14.0 °C - closed cup
Evaporation rate:	no data available
Flammability (solid, gas):	no data available
Upper/lower flammability or explosive limits:	
Upper explosion limit:	19 %(V)
Lower explosion limit:	3.3 %(V)
Vapour pressure:	59.5 hPa at 20.0 °C
Vapour density:	no data available
Relative density:	0.79 g/cm3
Water solubility:	completely soluble
Partition coefficient: noctanol/ water:	no data available
Autoignition temperature:	363.0 °C
Decomposition temperature:	no data available.

Viscosity	no data available
Explosive properties:	no data available
Oxidizing properties:	no data available

9.2 Other safety information: no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity	no data available
10.2 Chemical stability	no data available
10.3 Possibility of hazardous reactions	no data available

10.4 Conditions to avoid
Heat, flames and sparks. Extremes of temperature and direct sunlight.

10.5 Incompatible materials
Alkali metals, Ammonia, Oxidizing agents, Peroxides

10.6 Hazardous decomposition products
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects
Acute toxicity:
LD50 Oral - rat - 7,060 mg/kg
Remarks: Lungs, Thorax, or Respiration: Other changes.
LC50 Inhalation - rat - 10 h - 20000 ppm
Skin corrosion/irritation:
Skin - rabbit - Irritating to skin. - 24 h
Serious eye damage/eye irritation:
Eyes - rabbit - Mild eye irritation - 24 h - Draize Test
Respiratory or skin sensitization:
no data available
Germ Ccell Mutagenicity:
no data available
Carcinogenicity:
Carcinogenicity - mouse - Oral
Tumorigenic:Equivocal tumorigenic agent by RTECS criteria. Liver:Tumors.
Blood:Lymphomas including Hodgkin's disease.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
Reproductive toxicity:
Reproductive toxicity - Human - female - Oral
Effects on Newborn: Apgar score (human only). Effects on Newborn: Other neonatal measures or effects.
Effects on Newborn: Drug dependence.
Specific target organ toxicity - single exposure:

Inhalation - May cause respiratory irritation.
Specific target organ toxicity - repeated exposure: no data available
Aspiration hazard: no data available

Potential health effects:

Inhalation: May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion: May be harmful if swallowed.
Skin: May be harmful if absorbed through skin. Causes skin irritation.
Eyes Causes eye irritation.

Signs and Symptoms of Exposure:
Central nervous system depression, narcosis, Damage to the heart., To the best of our knowledge, the
chemical, physical, and toxicological properties have not been thoroughly investigated.
Additional Information
RTECS: Not available

12. ECOLOGICAL INFORMATION

12.1 Toxicity: no data available
12.2 Persistence and degradability: no data available
12.3 Bio-accumulative potential: no data available
12.4 Mobility in soil: no data available
12.5 Results of PBT and vPvB assessment: no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste from Residues / Unused Products: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

13.2 Contaminated packaging: Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14. TRANSPORT INFORMATION

	IATA	IMDG	RID/ADR
Transport Fashion	By air	By sea	By rail and by road
UN number	1325	1325	1325
Proper shipping name	Ethanol	ETHANOL	ETHANOL
Hazard class	3	3	3
Packing group	II	II	II
Environmental Hazards	N/A	N/A	N/A

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: no data available

15.2 Chemical Safety Assessment; no data available

16. OTHER INFORMATION

SDS Creation Date: 22nd February 2013

The above information is based on data which we believe to be correct to the best of our knowledge. Since this information may be applied under conditions beyond our control we do not assume any responsibility for the results of its use. This information is supplied upon the condition that the person receiving it shall make their own determination of the suitability of the material for their own particular purpose.

Text of R-phrases mentioned in Section 3:

R11 - Highly flammable

Other Information: NA.