

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

1. Identification of the Substance / Mixture and the Company / Undertaking

1.1. Product Identifier

Identification of Substance / Mixture	Frend Hand Sanitiser Gel
---------------------------------------	--------------------------

1.2. Relevant Identified Uses / Uses Advised Against

Relevant Identified Use(s)	Hand sanitiser.
----------------------------	-----------------

Use(s) Advised Against	At this moment we have not identified any uses advised against.
------------------------	---

1.3. Details of the Supplier of the Safety Data Sheet

Company Name	Burgess Galvin & Co. Ltd.
--------------	---------------------------

Address	Jamestown Road, Finglas, Dublin 11
---------	------------------------------------

Telephone	+353 1 834 2255
-----------	-----------------

E-mail	technical@burgessgalvin.ie
--------	--

1.4. Emergency Telephone Number

+353 1 834 2255

2. Hazard Identification

2.1. Classification of the Substance or Mixture

Classification According to Directive 1999/45/EC	Not classified
--	----------------

2.2. Label Elements

Labelling according to Directive 1999/45/EC:

Symbol(s)	None
-----------	------

Indication(s) of Danger	None
-------------------------	------

Risk Phrase(s)	None
----------------	------

Safety Phrase(s)	S2: Keep out of the reach of children. S7: Keep container tightly closed. S16: Keep away from sources of ignition – No smoking.
------------------	---

Precautionary Phrase(s)	None
-------------------------	------

2.3. Other Hazards

No other hazards have been identified.

3. Composition / Information on Ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

This product contains the ingredients listed below:

Name	CAS No.	EC No.	Content	Classification [a]
Propan-2-ol	67-63-0	200-661-7	>50%	F, R11; Xi, R36; -, R67

[a] The symbols used are explained in Section 16.

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

4. First Aid Measures

4.1. Description of First Aid Measures

Eye contact	If patient is wearing contact lenses, remove them. Then wash immediately and thoroughly with low-pressure water while lifting the eyelids for at least 15 minutes. If any undesirable symptoms persist, obtain assistance from a medical professional.
Inhalation	Remove casualty from exposure while also ensuring one's own safety in doing so. If any undesirable symptoms persist, obtain assistance from a medical professional.
Ingestion	If conscious, clean mouth with water and drink plenty of water afterwards. Do NOT induce vomiting. Transfer to hospital as soon as possible. If unconscious, check for breathing and apply artificial respiration if necessary. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Place in the recovery position. Transfer to hospital as soon as possible.
Skin contact	No undesirable symptoms are anticipated. If clothes and footwear contaminated, remove them unless stuck to skin. Rinse skin with water. If there any undesirable symptoms after washing, obtain assistance from a medical professional.

4.2. Most Important Symptoms and Effects, both Acute and Delayed

See Section 11.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

5. Fire fighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media	Alcohol-resistant foam, carbon dioxide, dry powder or carbon dioxide.
Unsuitable Extinguishing Media	None

5.2. Special Hazards Arising from the Substance or Mixture

Exposure Hazards	In case of a fire, hazardous decomposition products — carbon monoxide (CO) and carbon dioxide (CO ₂) — may be produced. Vapour may travel a considerable distance to a source of ignition and flash back. The typical quantity used when sanitising hands is so small that it is highly unlikely that the above hazards will occur in this situation.
-------------------------	---

5.3. Advice for Fire-fighters

Special Fire Fighting Procedures	Cool closed containers exposed to fire with water spray. Heating will result in a rise in pressure, with risk of bursting. Do not discharge contaminated fire water into sewage system or water courses.
Protective equipment for fire-fighters	Wear self-contained breathing apparatus. Wear full-body protective clothing to prevent contact with skin and eyes.

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

6. Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Use suitable personal protective equipment (see Section 8). Keep unprotected persons away from spillage. Avoid contact with skin and eyes.

Do not breathe vapours or spray mist. Keep away from heat and sources of ignition. Provide adequate ventilation.

Mark out the contaminated area with signs and limit access to authorised personnel. Do not attempt to take action without suitable protective clothing – see Section 8. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental Precautions

Do not allow into sewage system or any water course. Prevent from spreading (by using oil barriers, for example).

6.3. Methods and Material for Containment and Cleaning Up

Take up bulk of spilled material with an inert absorbent. Transfer to a container for disposal by an appropriate method. Close the container securely and label the container clearly.

6.4. Reference to Other Sections

See Section 1 for emergency contact details.

See Section 8 for information on personal protective equipment.

See Section 13 for waste treatment information.

7. Handling and Storage

7.1. Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Avoid spilling.

Avoid inhalation of vapours and spray mists. Provide good ventilation.

Keep away from all sources of ignition, including heat, sparks, open flame and static electricity.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Store in original containers. Keep containers closed.

Store in a cool, dry, well-ventilated area. Keep away from heat, sparks and open flame. Eliminate all sources of ignition, including static electricity.

7.3. Specific End Use(s)

The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls

8.1. Control Parameters

Occupational Exposure (OE) Data

Name	CAS No.	EC No.	OE Value (8-hour reference period)		OE Limit Value (15-minute reference period)	
			ppm	mg/m ³	ppm	mg/m ³
Propan-2-ol	67-63-0	200-661-7	200		400	

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

8.2. Exposure Controls

Engineering Measures	Ensure that there is sufficient ventilation of the areas in which the product is stored and used.
Respiratory Protection	Not required if workspace is well-ventilated. Self-contained breathing apparatus must be available in case of an emergency.
Hand Protection	None required.
Eye Protection	Use safety eyewear. Ensure an eye bath is to hand.
Skin Protection	
Hygiene Protection	Wash hands before using product. Do not eat, drink or smoke when using product.

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Appearance	Liquid gel at ambient temperatures.		
Colour	Clear		
Odour	Alcohol like.		
Solubility (water)	Highly soluble		
Solubility (fat)	Soluble	pH	Not determined
Melting Point	Not determined	Boiling Point	Not determined
Relative Density	ca. 0.88 (@ 20°C)	Vapour Pressure @ 20 °C	Not determined
Flash Point	Not determined	Flammability (solid, gas)	Not flammable
Autoflammability	Not determined	Partition Coefficient (n-octanol/water)	Not determined
Oxidising Properties	Not applicable	Explosive Properties	Not determined

9.2. Other Information

10. Stability and Reactivity

10.1. Reactivity

No hazardous reaction is anticipated if the instructions for handling and storage (see Section 7) are respected.

10.2. Chemical Stability

This mixture is stable under the conditions recommended for handling and storage (see Section 7).

10.3. Possibility of Hazardous Reactions

See Section 10.1 and 10.2.

10.4. Conditions to Avoid

Keep away from all sources of ignition, including heat, sparks, open flame and static electricity.

10.5. Incompatible Materials

Strong oxidizing agents.
Strong acids and alkalis.

10.6. Hazardous Decomposition Products

Thermal decomposition may result in the formation of oxides of carbon (CO and CO₂).

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

11. Toxicological Information

11.1. Information on Toxicological Effects

Symptoms / Routes of Exposure

Eye Contact	May cause temporary irritation and redness of eyes.
Ingestion	After ingestion, fumes from the stomach contents may be inhaled resulting in the same symptoms as those following inhalation. Depression of central nervous system may occur. May cause stomach pain / vomiting / diarrhoea.
Inhalation	In high concentration, vapour may cause headache, fatigue, dizziness. Central nervous system may also be affected. Irritation of nose, throat and airways may occur.
Skin Contact	Prolonged contact may cause redness, irritation and dry skin.

12. Ecological Information

12.1. Toxicity

Not regarded as dangerous for the environment.

12.2. Persistence and Degradability

The product is biodegradable

12.3. Bioaccumulative Potential

Not expected to bioaccumulate.

12.4. Mobility in Soil

The product contains volatile materials, which may spread in the atmosphere.

12.5. Results of PBT and vPvB Assessment

12.6. Other Adverse Effects

13. Disposal Considerations

13.1. Waste Treatment Methods

Avoid pouring into drains or waterways.

Avoid contaminating the ground or water with waste.

Residues and empty containers should be treated as hazardous waste according to local and national requirements.

When disposing of waste or surplus material avoid contact with the eyes and skin. See Section 8 for guidance on suitable personal protective equipment.

14. Transport Information

14.1. UN Number

Not classified.

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

14.2. UN Proper Shipping Name

Not classified.

14.3. Transport Hazard Class(es)

Not classified.

14.4. Packing Group

Not classified.

14.5. Environmental Hazards

See Section 12.

14.6. Special Precautions for User

Not applicable.

14.7. Transport in Bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

15. Regulatory Information

15.1. Safety, Health and Environmental Regulations / Legislation Specific to the Substance or Mixture

15.2. Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

16. Other Information

Explanation of Changes Made in Revising Document

This safety data sheet was prepared in accordance with:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and subsequent amendments; and

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) and subsequent amendments.

This is the first issue of this document.

Relevant Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and subsequent amendments.

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) and subsequent amendments.

Explanation of Hazard Abbreviation(s) used in Section 3

T+, Very toxic; **T**, Toxic; **C**, Corrosive; **Xn**, Harmful; **Xi**, Irritant; **E**, Explosive; **O**, Oxidising; **F+**, Extremely flammable; **F**, Highly flammable; **Fo**, Flammable; **N**, Dangerous for the environment.

Material Safety Data Sheet

Frend Hand Sanitiser Gel

Rev 17-00

Date Prepared: 6th April 2017

Date Printed: 6 April 2017

Explanation of Risk Phrases used in Section 3

Risk Phrase	Explanation
R11	Highly Flammable
R36	Irritating to eyes
R67	Vapours may cause drowsiness and dizziness

Use of This Safety Data Sheet

This Safety Data Sheet complements and should be used in conjunction with Technical Data Sheets. The information and recommendations given above are, to the best of the company's knowledge and belief, accurate and reliable as of the date issued, but are offered without guarantee or warranty. They relate to the specific material designated and may not be valid for such material used in combination with any other material or in any process.

Conditions of use of the material are under the control of the user, therefore it is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. It is also the responsibility of the user to take all precautions required in handling this material. The attention of the user is drawn to possible risks which may be incurred by using the product for any purpose other than that for which it is intended. The provision of this Safety Data Sheet does not exonerate the user from appraising himself of all regulations governing his activities; for this he is solely responsible.