

# Sani Gel

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Issued: 30/01/2020, Revision No: 1  
Regulation (EC) No. 453/2010

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

### 1.1 Product Identifier

Material name: Sani Gel

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

Product use: Hand sanitising gel

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

Manufacturer / Supplier: IMG Ltd.,  
Unit M  
Riverside Industrial Estate  
Fazeley  
Tamworth  
B78 3RW

Telephone: 01827 283322

Fax: 01827 250143

Email (for SDS): sales@img-limited.co.uk

1.4 Emergency tel. no: 01827 283322 (Available from 8.30 – 17.00 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:

Physical and Chemical hazards Flam. Liq.2; H225

Human Health Not classified

Environment Not classified

### 2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

Signal word: Danger

Pictogram(s):



Hazard Statements: H225 Highly flammable liquid and vapour.

Precautionary Statements: P210 Keep away from heat/sparks/open flames/hot surfaces and other ignition sources. No smoking.  
P233 Keep container tightly closed.

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P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P312	IF SWALLOWED: Call a POISON CENTER/doctor/or if you feel unwell.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists get medical advice/attention.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to requirements of local/national authorities.

**2.3 Other hazards:** No data available.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.2 Mixtures:

##### Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Ethanol	CAS: 64-17-5 EC: 200-578-6 INDEX: 603-002-00-5	Flam.Liq.2; H225	50-60%
2-Aminoethanol	CAS: 141-43-5 EC: 205-483-3 REACH: 01-2119486455-28 INDEX: 603-030-00-8	Acute Tox.4; H332 Acute Tox.4; H312 Acute Tox.4; H302 Skin Corr.1B; H314	0-0.5%

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

### 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**General advice:** In all cases of doubt, or when symptoms persist, seek medical attention.

**Eye contact:** May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

**Inhalation:** No undue effects in normal circumstances, if affected remove to fresh air and seek medical advice. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.

**Skin contact:** No significant hazard. Product is for use on skin. If irritation occurs, seek medical attention.

**Ingestion:** Unlikely due to the product's physical properties; if affected, rinse mouth with water and give water to drink. Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed:** May cause irritation to skin in sensitive individuals with prolonged contact.

**4.3 Indication of any immediate medical attention and special treatment needed:** See skin and eye contact information above.

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## 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

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 unopened 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. Spillage may present a slip hazard.

### 6.2 Environmental precautions

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 any 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 Reference to other sections

See Section 8 for personal protection information.

See Section 13 for additional waste treatment information.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Ensure adequate ventilation of the working area. Eliminate all sources of ignition. Handle in accordance with standard good housekeeping practices.

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

Store in a cool, well-ventilated area. Protect from frost, heat and sunlight. Incompatible with oxidising agents. Keep away from food, drink and animal feed. Keep container tightly closed. Keep in original container.

### 7.3 Specific end use(s)

Not available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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## 8.1 Control parameters

### Occupational exposure limits

Chemical Name	8hr TWA	15min STEL	Reference
Ethanol	1000 ppm 1920 mg/m <sup>3</sup>	-	EH40/2005
2-Aminoethanol	1 ppm 2.5 mg/m <sup>3</sup> (Sk)	3ppm 7.6 mg/m <sup>3</sup> (Sk)	EH40/2005
Glycerine (Glycerol, mist)	10 mg/m <sup>3</sup>	-	EH40/2005

Sk denoted above means can be absorbed through the skin.

## 8.2 Exposure controls

**Engineering measures:** No specific engineering measures required.

### Personal Protective Equipment

Hand protection: Not applicable.

Eye protection: Not normally required.

Skin protection: Not required.

Respiratory protection: Not normally required.

Hygiene measures: Observe good industrial hygiene and safety practices. Do not eat or drink whilst using the product.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>State and colour:</b>	Colourless gel.
<b>Odour:</b>	Alcoholic.
<b>Odour threshold:</b>	No data available.
<b>Flammability:</b>	Flammable.
<b>Flash point:</b>	>23°C
<b>Lower explosion limit:</b>	3.3%
<b>Upper explosion limit:</b>	19%
<b>Explosive properties:</b>	Not explosive.
<b>Thermal decomposition:</b>	No data available.
<b>Auto-ignition temperature:</b>	Not applicable.
<b>Oxidising properties:</b>	Non-oxidising.
<b>Solubility in water:</b>	Soluble
<b>Solubility in other solvents:</b>	Not determined.
<b>pH:</b>	7 nominal.
<b>Melting point / range:</b>	No data available.
<b>Boiling point / range:</b>	No data available.
<b>Relative Density:</b>	0.885-0.905
<b>Vapour pressure:</b>	No data available.

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**Vapour density:** No data available.  
**Partition coefficient: n-octanol / water:** No data available.  
**Viscosity (kinematic):** No data available.  
**Evaporation rate:** No data available.

**9.2 Other information** No data available.

## 10. STABILITY AND REACTIVITY

**10.1 Reactivity** Generally non-reactive.  
**10.2 Chemical stability** Stable under recommended storage and handling conditions.  
**10.3 Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.  
**10.4 Conditions to avoid** Naked flames, ignition sources.  
**10.5 Incompatible materials** Keep away from the following materials; strong oxidising agents, strong acids.  
**10.6 Hazardous decomposition products** Decomposition products may include the following materials; oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

Chemical Name	Oral (LD50)	Inhalation (LC50)	Dermal (LD50)
Ethanol	7060 mg/kg (Rat)	>20 mg/l (Mouse 4h)	>2000mg/kg (Rabbit)

#### Symptoms / routes of exposure

**Skin corrosion / irritation:** Not classed as a skin irritant.  
**Serious eye damage / irritation:** Not classed as an eye irritant.  
**Respiratory or skin sensitisation:** Not classed as a sensitiser.  
**Repeated dose toxicity:** No data available.  
**Carcinogenicity:** Not carcinogenic.  
**Mutagenicity:** Not mutagenic.  
**Toxicity for reproduction:** Not toxic for reproduction.  
**Specific target organ toxicity (STOT):** No data available.  
**Further information:** No information available.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

Chemical name	Species	Test	Value
Ethanol	Daphnia	EC50	>100 mg/l
	Fish	LC50	>100 mg/l
	Algae	EC50	>100 mg/l

**12.2 Persistence and degradability** Readily biodegradable.  
**12.3 Bioaccumulative potential** Not expected to bioaccumulate.  
**12.4 Mobility in soil** Soluble in water and migrates through soil.  
**12.5 Results of PBT and vPvB assessment** Contains no PBT or vPvB substances.

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**12.6 Other adverse effects** May be harmful to aquatic organisms.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not dispose of waste into sewer. Do not dispose of together with household waste. Contact licensed waste disposal company. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not burn or use a cutting torch on the empty container.

## 14. TRANSPORT INFORMATION

<b>14.1 UN number</b>	ADR/RID/AND; IMDG; ICAO	1170
<b>14.2 UN Proper shipping name</b>	ETHANOL (ETHYL ALCOHOL) OR ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	
<b>14.3 Transport hazard class(es)</b>	ADR/RID/ADN Class	3
	ADR/RID/ADN Class	Class 3
	ADR Label No.	3.2
	IMDG Class	3
	ICAO Class/Division	3
	ICAO Subsidiary Risk	3.2
<b>Transport labels</b>		
<b>14.4 Packing group</b>	ADR/RID/AND; IMDG; ICAO	II
<b>14.5 Environmental hazards</b>	Marine Pollutant	No
<b>14.6 Special precautions for user</b>	EMS	3-05
<b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:</b>	Not applicable.	

## 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. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

#### Statutory Instruments

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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

Chemical safety assessments / reports are not required for mixtures.

The product is classed as a cosmetic product and as such there is a legal requirement that it is labelled in accordance with the independent cosmetic assessment on this product. This assessment over-rides assessments generated by the automated CLP system and therefore hazard phrases on this data sheet may not appear on the label.

## 16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation EU 453/2010, amending Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals).

Tariff number: 34022090

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008 (CLP):

**Physical hazards:** On basis of test data / Expert judgement  
**Health hazards:** Calculation method  
**Environmental hazards:** Calculation method

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

H225 Highly flammable liquid and vapour.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H332 Harmful if inhaled.

## 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.  
DNEL Derived No Effect Level – Section 8.  
EC50 Effective Concentration, 50 percent – Section 12.  
LD50 Lethal Dose, 50 percent – Section 11.  
LC50 Lethal Concentration, 50 percent – Section 11.  
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 only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

IM Group Riverside Ind. Estate, Fazeley, Tamworth, Staffordshire B78 3RW.

The IM Group utilizes a process of continuous product improvement for all of our products. While the IM Group strictly adhere to our products specifications, we routinely implement product improvements. Therefore, please contact us for our most current product specifications. The IM Group warrants the quality of this product when used according to directions. Apply protective coatings per Company Standards. User shall determine suitability of product for use and assumes all risk. The seller will not accept liability for more than product replacement.

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