



Rev 1; 28.04.2015

## INTEGRITY® IPA SPRAY

Safety Data Sheet according to 1907/2006/EC, Article 31 70% Isopropanol Spray

### SECTION 1: IDENTIFICATION ON THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1. Product identifier

**Product name:** INTEGRITY® IPA SPRAY  
**Product code:** 600-0801, 600-0802G, 600-0803

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

Use of substance / mixture: PC8: Biocidal products (e.g. Disinfectants, pest control).

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

Address:  
 Integrity® Cleanroom UK  
 Integrity House,  
 Easlea Road, Bury St Edmunds,  
 Suffolk, IP32 7BY, United Kingdom

Tel: +44 (0)1473 836 205

Email: [info@integritycleanroom.com](mailto:info@integritycleanroom.com)

#### 1.4. Emergency telephone number

Emergency tel: Tel: +44 (0)1473 836 205  
 Company: Integrity Cleanroom

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

2.1.1. Classification-67/548/EEC F;R11 Xi; R36 R67  
 Symbols: f: Highly flammable. Xi Irritant.

Main Hazards Highly Flammable. Irritating to Eyes. Vapours may cause drowsiness and dizziness.

2.1.2. Classification-EC1272/2008 Flam. Liq.2: H225: Eye Irrit. 2: H319; STOT SE 3: H336.

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### 2.2. Label elements

**Hazard pictograms:**



**Signal word**

Danger

**Hazard Statement**

Flam. Liq. 2: H225 – Highly flammable liquid and vapour.

**Precautionary statements:**

- Eye Irrit 2: H319 – Causes serious eye irritation.
- STOT SE 3: H336 - May cause drowsiness or dizziness.
- P102 – Keep out of reach of children.
- P103 – Read label before use.
- P210 – Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- P233 – Keep container tightly closed.
- P264 – Wash thoroughly after handling.
- P271 - Use in well-ventilated area.
- P280 – Wear protective gloves/eye protection.

**Precautionary statements**

**Storage:**

- P101 - If medical advice is needed, have product container or label at hand.
- P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P353+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present to do. Continue rinsing.
- P312 - Call a POISON CENTER or doctor/ physician if you feel unwell.
- P337+P313 - If eye irritation persists: Get Medical advice/Attention.
- P370+P378 – In case of fire: Use extinguishing media appropriate to the surrounding fire conditions. Alcohol resistant foam, Carbon dioxide (CO2) for extinction.

**Precautionary Statement:**

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

**Storage**

- P403+P235 - Store in a well-ventilated place. Keep cool.
- P405 - Store locked up.

**Precautionary Statement:**

P501 - Dispose of contents/container to a licensed waste disposal company in compliance with local and national regulations.

**Disposal**

### 2.3. Other hazards

**Other hazards:**

This product does not contain any PBT or VPvB substances.

**Further Information**

**Detergent Labelling**

70%v/v Isopropyl Alcohol

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

## 3.1 Substances 67/548/EEC / 1999/45/EC

Chemical Name	Index No	CAS No	EC No	Reach Registration No	Conc. (%w/w)	Classification
PROPAN-2-OL EC 1272/2008	603-117-00-0	67-63-0	200-661-7		60 -70%	F;R11 Xi: R36 R 67
Chemical Name	Index No	CAS No	EC No	Reach Registration No	Conc. (%w/w)	Classification
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		60 -70%	Flam. Liq.2: H225; Eye Irrit.2: H319; STOT SE 3; H336:

## 3.2. Mixtures See section 3.1. for further information.

## SECTION 4: FIRST AID MEASURES

## 4.1 Description of first aid measures

## Inhalation

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if irritation or symptoms persist

## Eye Contact

Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.

## Skin Contact

No irritation expected. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

## Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist.

## 4.2 Most important symptoms and effects, both acute and delayed

Inhalation	Vapours may cause drowsiness and dizziness.
Eye Contact	Causes serious eye irritation.
Skin Contact	No specific symptoms noted.
Ingestion	No specific symptoms noted.

## 4.3 Indication of any immediate medical attention and special treatment needed

If you feel unwell seek medical advice (show the label where possible) no specific first aid measures noted.

## SECTION 5: FIRE FIGHTING MEASURES

**5.1. Extinguishing media** Alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>) Use extinguishing media appropriate to the surrounding fire conditions.

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**5.2. Special hazards arising from the substance or mixture** Vapour may travel considerable distance to source of ignition and flash back.

**5.3. Advice for fire fighters** Protective equipment. Wear suitable respiratory equipment when necessary.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**6.1. Personal precautions, protective equipment and emergency procedures** Eliminate all sources of ignition. Ensure adequate ventilation of the working area. Avoid contact with skin and eyes. Surfaces contaminated with the product will become slippery.

**6.2. Environmental precautions** Do not allow product to enter drains. Do not flush into surface water.

**6.3. Methods and material for containment and cleaning up** Transfer to suitable, labelled container for disposal.

**6.4. Reference to other sections** For waste disposable see section 13.

## SECTION 7: HANDLING AND STORAGE

**7.1. Precautions for safe handling** Avoid sparks, flames, heat and sources of ignition. Vapour may travel considerable distance to source of ignition and flash back. Take precautionary measures against static discharge, Avoid contact with skin and eyes. Wear protective gloves/eye protection. Do not eat drink or smoke in areas where this product is used or stored. Wash hands after handling the product. Adopt best manual handling considerations when handling, carrying or dispensing.

**7.2. Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

**7.3. Specific end use(s)** Restricted to professional users.

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

##### 8.1.1 Exposure limit values

Isopropanol ( Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m <sup>3</sup> : 999
	WEL 15min limit ppm: 500	WEL 15-min limit mg/m <sup>3</sup> : 1250

#### 8.2. Exposure controls

**8.2.1 Appropriate Engineering controls** Keep in a cool, dry, well ventilated area. No smoking. Keep containers tightly closed.

**8.2.2 Individual protection measures** Wear Protective gloves/eye protection.

Eye/Face protection Provide eye wash station.

**8.2.3 Environmental Exposure controls** Do not empty into drains. Do not flush into surface water.

Skin protection Neoprene gloves.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

<b>State</b>	Liquid
<b>Colour</b>	Clear
<b>Odour</b>	Alcoholic
<b>Flash point</b>	18.7°C
<b>Relative Density</b>	0.83 -0.89
<b>Solubility</b>	Soluble in water

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## SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity**                      Avoid sparks, flames, heat and sources of ignition.
  
- 10.2. Chemical stability**            Stable under normal conditions. Will not decompose if stored and used as recommended.
  
- 10.3. Possibility of hazardous reactions**      Strong acids and strong bases. Strong oxidising agents.
  
- 10.4. Conditions to avoid**            Heat, sparks and open flames.
  
- 10.5. Incompatible materials**            Strong acids and strong bases. Strong oxidising agents.
  
- 10.6. Hazardous decomposition products**      Burning produces irritating, toxic and obnoxious fumes.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

- Acute toxicity                              Based on available data the classification criteria are not met.
- Skin corrosion/irritation                Based on available data the classification criteria are not met.
- Serious eye damage/irritation            May cause serious eye irritation.
- Respiratory or skin sensitisation            Based on available data the classification criteria are not met.
- Germ cell mutagenicity                    No mutagenic effects reported.
- Carcinogenicity                            No carcinogenic effects reported.
- Reproductive toxicity                    No teratogenic effects reported
- STOT-single exposure                    Not classified as a specific target organ toxicant after a single exposure.
- STOT- repeated exposure                No classified as a specific target organ toxicant after repeated exposure.
- Aspiration hazard                        Based on available data the classification criteria are not met.

**11.1.4 Toxicological Information**            No data available

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## SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Toxicity** No data available
- 12.2 Persistence and degradability** The surfactants(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
- 12.3 Bioaccumulative potential** No data is available on this product.
- 12.4 Mobility in soil** The product is soluble in water.
- 12.5. Result of PBT and VPvB assessment** This product does not contain any PBT or VPvB substances
- 12.6 Other adverse effects** Not known.

## SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1 Waste treatment methods** Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code to the European Waste Catalogue (EWC) should be used. Empty containers can be sent to landfill after Cleaning, if in compliance with, local and national regulations.

## SECTION 14: TRANSPORT INFORMATION

### Hazard pictograms

- 14.1. UN number** UN 1219 Isopropanol
- 14.2. UN proper shipping name** Isopropanol (Isopropyl Alcohol)

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## 14.3 Transport hazard class

<b>ADR/RID</b>	Class 3 Limited quantities LQ8 Tunnel code (D/E)
<b>IMDG</b>	3
<b>IATA</b>	3
	Limited Quantity Packing Inst: Y441

## 14.4 Packing Group

<b>Packing group</b>	II
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## 14.5. Environmental Hazards

<b>Environmental hazards</b>	No
<b>Marine pollutant</b>	No

<b>14.6 Special precautions for user</b>	Not applicable
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## SECTION 15: REGULATORY INFORMATION

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

Commission Directive 2000/39/EC of 8 June 2000 established a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Regulation Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/69/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EEC and 2000/21/EC, including amendments. 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 mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks to exposure to chemical, physical and biological agents at work.

<b>15.2 Chemical safety assessment</b>	No chemical safety assessment has been carried out
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## SECTION 16: OTHER INFORMATION

### Other information

**Revision:** This document differs from previous version in the following areas;  
3-Further information.  
8-Further information.  
16-Glossary.

**Text of risk phrases in section 3** R11 – Highly flammable.  
R36 - Irritating to eyes.  
R67 – vapours may cause drowsiness and dizziness.

**Text of Hazard Statements in Section 3** Flam. Liq.2:H225 – Highly flammable liquid and vapour.  
Eye Irrit. 2: H319 – Causes serious eye irritation.  
STOT SE 3: H336 - May cause drowsiness or dizziness

**Glossary** ADR European Agreement concerning the international Carriage of Dangerous Goods by Road.  
IATA International Air Transport Association.  
IMDG International Maritime Dangerous Goods.  
PBT Persistent, Bioaccumulative, toxic.  
RID Convention concerning International Carriage by Rail.  
vPvB very persistent, very Bioaccumulative,  
STOT Specific Target Organ Toxicity.  
WEL Workplace Exposure Limit.

**General Information** Only trained personnel should use this material

**Further information** The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy, reliability or completeness. This information relates only to the specific material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him /her as to the suitability of such information for his/her own particular use.

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