



Revision: 7 May 2020

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: IPA based Hand Sanitiser
- Product Part Number: C12-394/0

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

- Use of the substance/mixture: Human Hygiene Product - See label for Information

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: ITAC LTD
- Address of Supplier: Bankfield Mills, Bankfield St, Radcliffe M26 1AS
- Telephone: 01204 868601
- Responsible Person: Tyler Coleman
- Email: tcoleman@itac.uk.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1204 573 736

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

2.2 Label elements



GHS02



GHS07

- Signal Word: Danger
- Hazard statements
 - H225 - Highly flammable liquid and vapour.
 - H319 - Causes serious eye irritation.
- Precautionary statements
 - P403+P235 - Store in a well-ventilated place. Keep cool.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - P233 - Keep container tightly closed.
 - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
 - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P264 - Wash
 - P337+P313 - If eye irritation persists: Get medical advice/attention.
 - P243 - Take action to prevent static discharges.
 - P240 - Ground and bond container and receiving equipment.

SECTION 2: Hazards identification (....)

P241 - Use explosion-proof [electrical/ventilating/lighting/
P242 - Use non-sparking tools.

- Symbols

2.3 Other hazards

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

- Water
CAS Number: 7732-18-5
EC Number:
Concentration: 10-30%
Categories:
 - Glycerol
CAS Number: 56-81-5
EC Number: 200-289-5
Concentration: 1-10%
Categories:
 - propan-2-ol; isopropyl alcohol; isopropanol
CAS Number: 67-63-0
EC Number: 200-661-7
Concentration: 70-90%
Categories: Flam. Liq. 2, Eye Irrit. 2, STOT SE 3
Symbols: GHS02;GHS07
H Statements: H225;H336;H319
 - Hydrogen Peroxide <8%
CAS Number: 7722-84-1
EC Number: 231-765-0
Concentration: 1-10%
Categories: Eye Irrit. 2
-

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
 - Contact with skin
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 - Ingestion
Rinse mouth with water (only if the person is conscious)
Do not induce vomiting if medical attention can be obtained within a reasonable time, i.e. one hour. Seek such attention immediately. If not, induce vomiting.
-

SECTION 4: First aid measures (....)

- Inhalation
Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.
Move to fresh air. If breathing is irregular or stopped, administer artificial respiration. If unconscious place in recovery position. Consult a physician after significant exposure.

4.2 Most important symptoms and effects, both acute and delayed

- Causes serious eye irritation
- Headache, Dizziness, Drowsiness, Nausea, numbness, muscle twitching, Weakness, Can cause redness, tearing, pain and weakness of vision.

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically
-

SECTION 5: Firefighting measures**5.1 Extinguishing media**

- Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
- In case of fire: Use

5.2 Special hazards arising from the substance or mixture

- Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air. Flash back possible over considerable distance.
- In combustion emits toxic fumes.

5.3 Advice for firefighters

- In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment. Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
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SECTION 6: Accidental release measures

Vapours may ignite

6.1 Personal precautions, protective equipment and emergency procedures

- Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities. Avoid subsoil penetration. Local authorities should be advised if significant spillages cannot be contained.
- Ensure adequate ventilation
- Use personal protective equipment as required.

6.2 Environmental precautions

- Do not flush spilt material into any public water system

6.3 Methods and material for containment and cleaning up

- Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

SECTION 6: Accidental release measures (....)

- See Section 1 for emergency contact information.
 - See Section 8 for information on personal protective equipment.
 - See Section 13 for waste treatment information.
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool.

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- propan-2-ol; isopropyl alcohol; isopropanol
DNEL
Workers, Long-term - systemic effects, Skin contact
888 mg/kg bw/day
DNEL
Workers, Long-term - systemic effects, Inhalation
500 mg/m³
DNEL
Consumers, Long-term - systemic effects, Skin contact
319 mg/kg bw/day
DNEL
Consumers, Long-term - systemic effects, Inhalation
89 mg/m³
DNEL
Consumers, Long-term - systemic effects, Ingestion
26 mg/kg bw/day

8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
-

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: Clear Liquid
- Odour: Alcohol odour
- Boiling Point/Range: not available
- Flashpoint: <20°C
- Extremely Flammable
- Viscosity: Non-viscous

9.2 Other information

SECTION 10: Stability and reactivity

SECTION 10: Stability and reactivity (....)

10.1 Reactivity

- Considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Incompatible materials

- Strong oxidizing agents. Strong acids.

10.5 Hazardous decomposition products

- Carbon oxides may be formed
 - Decomposition products may include toxic fumes
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

propan-2-ol; isopropyl alcohol; isopropanol

Acute toxicity

Oral

LD50

5840 mg/kg (Rat) (OECD Test Guideline 401)

Inhalation

LC50

> 25 mg/l (Rat; 6 h; vapour) (OECD Test Guideline 403)

Dermal

LD50

13900 mg/kg (Rabbit) (OECD Test Guideline 402)

ISOPROPANOL 70-100%

R56871 / Version 6.0 12/118 EN

Irritation

Skin

Result

No skin irritation (OECD Test Guideline 404)

Degreases the skin which may cause dry and rough. Prolonged or repeated skin contact may result in dermatitis.

Eyes

Result

Eye irritation (OECD Test Guideline 405)

Splashes in eyes may cause strong pain. Vapour acts irritant.

Sensitisation

Result

not sensitizing (Buehler Test; Dermal; Guinea pig) (OECD Test Guideline 406)

CMR effects

CMR Properties

Carcinogenicity

Based on available data, the classification criteria are not met.

Mutagenicity

In vitro tests did not show mutagenic effects In vivo tests did not show mutagenic effects

Teratogenicity

No effects on or via lactation

Reproductive toxicity

Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity

SECTION 11: Toxicological information (....)

Single exposure

Inhalation

Target Organs: Central nervous system

May cause drowsiness or dizziness.

Repeated exposure

Oral and inhalation repeated exposure studies demonstrated target organ effects in male rats (kidney) and male and female mice (thyroid) by mechanisms of action that are not relevant to humans

Other toxic properties

Aspiration hazard

Aspiration hazard if swallowed - can enter lungs and cause damage.

Aspiration may cause pulmonary oedema and pneumonitis. Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1 Toxicity**

- propan-2-ol; isopropyl alcohol; isopropanol
IC50 (algae): >100 mg/l (72 hr)
EC50 (daphnia): 9714 mg/l (48 hr)
LC50 (fish): 9640 mg/l (96 hr)

12.2 Persistence and degradability

- Readily biodegradable

12.3 Bioaccumulative potential

- No bioaccumulation potential.

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects

- Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration
 - Do not flush spilt material into any public water system
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SECTION 13: Disposal considerations**13.1 Waste treatment methods**

- Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
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SECTION 14: Transport information

Flammable Liquid

14.1 UN number

SECTION 14: Transport information (....)

- UN No.: 1993

14.2 Proper Shipping Name

- Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.

14.3 Transport hazard class(es)

- Hazard Class: 3

14.4 Packing group

- Packing Group: II

14.5 Environmental hazards

- Presents no hazard to the environment

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

- Not applicable
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SECTION 15: Regulatory information

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

15.2 Chemical safety assessment

- A REACH chemical safety assessment has been carried out
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

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.

--- end of safety datasheet ---
