HPC ENTERPRISES PVT LTD

HPC SANITIZER -IPA based

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFICATION:

Product Name: HPC Hand Sanitizer IPA
Product Code:
Packing Size:100ml, 250ml, 500ml,5000ml
Product Use: Skin & Personal hand Hygiene
Product Type: Biocide
FDA License No:
Professional Usage: For Intuitional use only

1.2 Details of Manufacturer and Safety Data Sheet

1.2.1 Manufacturer Details
HPC Entriprises Pvt Ltd.
C-1/18, GIDC Industrial Estate,
Umbergam, Valsad, Gujarat 396171

1.2.2 Product Safety Data Sheet
Email: commercial@hpcind.com

1.3 Medical Emergency & Transportation Emergency

Name: Malay Sanghavi
Mobile No: +91-9867281589
Landline: +91-022-26844561
Email: malay@hpcind.com
Address: M-1, Kalpita Enclave, Sahar road, Andheri (East), Mumbai 69

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SECTION 2: COMPOSITION/INFORMATION ON INGRIDENTS

2.1 Mixtures:

NAME	CAS NO	PERCENTAGE	CLASSIFICATION ACCORING TO (EC) NO.1272/2008 (CPL)
Isopropyl Alcohol	67-63-0/200-661-7	60-80%	Flammable liquid 2, H225 Eye Irritant 2,H319 STOT SE 3,H336

SECTION 3: HAZARDS IDENTIFICATION

3.1 Classification of Mixture

Product classified under Regulated substance or mixture under (EC) No. 1272/2008 (CLP)

Flammables Liquids Category 2 H225,
Eye Irritant Category 2 H319,
Repertory Tract irritant H336

Listed Under Hazardous According to US OSHA regulation 29CFR1910.1200

Listed Under Hazardous According to WHMIS 2015 Classification

Hazardous Classification H225 and H319 & H336

Non Hazardous According to US OSHA Classification 29CFR1910.1200

Canadian WHMIS Classification: Not a controlled product

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3.2 Label Elements

Hazard Pictogram:

Regulation (EC) No 1223/2009:

Single Word: Danger

Hazardous Ingredients: None

Hazard Statement: H225- Highly Flammable Liquid

Precautionary Statement :P210-Keep away from heat, hot surfaces, sparks, open flames and other ignition sources

P233-Keep Container Tightly closed

P240-Ground/Bond Container when receiving material

P241-Use Explosion proof electrification

P280-Wear Protective gloves

P403-Store in Well ventilated place

P501-Dispose of Contents

INCI:
Aqua, Isopropyl Alcohol, Glycerine

3.3 Other Hazards

None Recorded

SECTION 4: FIRST AID MEASURE

4.1 Discerption of first aid measure

First-aid Measure General: Don’t give anything by mouth to an unconscious person. Seek medical advice.

First Aid Measure on Inhalation: Move out door for fresh air, In case of continuous Coughing, Seek Medical Advice.

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First Aid Measure after Skin Contact: Rinse Skin with water/shower , Remove /Take off all Garments gently wash with Water and Soap.

First Aid Eye contact: Remove Contact Lenses carefully if present. Rinse eyes with Water until, burning no sensation, In case of redness of Eyes or pain persists, seek medical Advice.

First Aid After ingestion: Rinse Mouth DO NOT induce Vomiting, attain Emergency Medical attention

4.2 Delayed or immediate symptoms

Effects after eye Contact: May Cause Redness of Eyes or Slight irritation in the eyes

Symptom/Effect: May cause damage to organs

If further information please call on the Emergency Helpline

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media are CO2 gas, Water spray , Sand, Dry Powder

5.2 Special hazards arising from the mixture

Fire Hazard: Highly Flammable liquid and Vapour

Explosion hazard: May form flammable/ explosive vapour-air mixture

5.3 Advice for fire Fighters

Fire fighting instructions: Use Water Spray or Fog for Cooling exposed containers

Protection do not enter without proper protective equipment

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
General Measures : Remove ignition source, no open flame, no smoking

6.1.1 for Spillage:

Clear out the spills immediately and Dispose the Waste Safely

6.1.2 for emergency response :

Protective Equipment : Equip clean-up crew with proper protection. Avoid breathing vapours

Emergency procedure : Ventilate area

6.2 Environmental Precautions

Preventive entry into sewage and public waters

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SECTION 7: HANDLING AND STORAGE

7.1 Precaution for safe handling

Additional Hazards when processed: handle empty containers with care because residual vapours are flammable

Precaution for Safe handling: wash hands and other exposed areas with soap and rinse with water

7.2 Conditions for Safe Storage

Storage Conditions: Keep the Material in Original Container, Labelled in a cool and Dry place. Avoid Contact with water or Direct Sunlight

Incompatible products : Strong bases, Strong Acids

Incompatible Materials :Source of ignition. Direct sunlight , Heat source

7.3Specific Use

Biocide

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SECTION 8: EXPOSURE CONTROLS

8.1 Exposure Controls

Name of the ingredient	OSHA PEL	NIOSH IDLH	ACGIH TLV
Isopropyl Alcohol	500ppm	400ppm	400ppm

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

8.2 Personal Protective Equipment

Ventilation: Local exhaust ventilation recommended at points of emission to reduce exposure to fumes and vapors during processing. Ensure adequate ventilation to maintain airborne concentrations below applicable occupational exposure limits.

Respiratory Protection: No personal respiratory protective equipment normally required.

Protective Gloves: Not required. This product is intended to come contact with the skin.

Eye Protection: None required for normal use. For bulk processing, regular hand washing along with general body-covering clothing, safety goggles and gloves are recommended as good industrial hygiene practice.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour	Free flowing colourless liquid with alcoholic odour.
Boiling point/range (5% solution)	78.3 ºC
Melting point/range	-114.1 ºC
Specific Gravity (water=1)	0.78
Vapor pressure	45 mm Hg
Vapor density (air=1)	1.6
Solubility	Complete
pH	5.5 –6.5
Partition coefficient (n-octanol/water):	Not available
Evaporation Rate (Butyl acetate=1)	>1
Percent Volatile by Volume (%)	>75%
Volatile Organic Carbon Compounds (VOC) (g/L)	>450 g/L

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No additional information available

10.2 Chemical Stability

Highly Flammable liquid and Vapour

10.3 Possibility of Hazardous Reaction

None Established

10.2 Conditions to Avoid

Extremely high and low temperatures, direct sunlight. Open Flames

10.3 Materials to avoid

Oxidizing materials, Strong Acids , Strong bases

10.3 Hazardous Decomposition Products:

Fumes, Carbon monoxide, Carbon dioxide

SECTION 11: TOXOLOGICAL INFORMATION

Symptoms/Effects of Overexposure:

Inhalation: Inhalation may cause respiratory irritation, coughing, shortness of breath, nausea, dizziness, loss of coordination, drowsiness, loss of consciousness and other symptoms of central nervous system depression.

Skin contact: Prolonged skin contact may cause mild irritation in sensitive individuals. Patch testing does not indicate a potential for sensitization in humans. Not expected to be absorbed through the skin.

Eye contact: Contact with eyes may cause irritation.

Ingestion: May cause mucous membrane and gastrointestinal irritation and other adverse effects. May cause nausea, vomiting, diarrhea, dizziness, drowsiness and other symptoms of

central nervous system depression.

Chronic toxicity: Prolonged skin contact may cause mild irritation in sensitive individuals.

Medical Conditions Aggravated by Exposure: None currently known. May possibly aggravate dermatitis, psoriasis and other skin conditions

.**Carcinogenicity Data:** None of the components of this product is listed as a carcinogen

by IARC, NTP, US OSHA or the European Directive (67/48/EEC).

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Reproductive Toxicity: Ethanol has been found to cause adverse reproductive effects in laboratory animals. Ethanol is known to cause fetal alcohol syndrome when orally ingested by pregnant humans.

Acute Toxicity Values: Ethanol: LD50 oral rat: 7060 mg/kg; Inhalation LC50 (rat, 10 hr): 20,000 ppm; Eye irritation, Draize Test (rabbit): Severe (500 mg/24 hr)

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No Additional information

12.2 Persistence and degradability

No Additional information (n

12.3 Bioaccumulation

No Additional information

12.4 Mobility in soil

No Additional information

12.5 Additional information

Avoid direct reals into the environment

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Method

Packaging Disposal: Disposal in safe and according to the law of the state

Additional Information: Plastic or metal Items, Rinse three time to convert into non-hazardous waste

Handle empty containers with care as residual contains flammable material

HP Code: H3A Highly Flammable

Ecological-Waste Material: Avoid Release to the Environment directly.

Do Not Release the material directly into the water bodies

SECTION 14TRANSPORT INFORMATION

14.1National Shipping Description:

Not regulated

14.2 Transport Hazard Classes

ADR- Ethanol Solution

IMGD-Ethanol Solution

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IATA-Ethanol solution

AND- Ethanol solution

RID- Ethanol solution

14.3 Packaging Groups

ADR- II

IMGD-II

IATA-II

AND-II

RID-II

14.4 Transport Hazards

ADR

Transport Class (ADR): 3

Danger Label : 3

IMG

Transport Class (IMG): 3

Danger Label (IMG) : 3

IATA

Transport Class (IATA): 3

Danger Label (IATA) : 3

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ADN

Transport Class (ADN): 3

Danger Label (ADN) : 3

RID

Transport Class (RID): 3

Danger Label (RID) : 3

14.5 Environmental Hazards

Dangerous for the environment: No

Marine Pollutants: No

Other Information No Supplementary Information Available

SECTION 15 REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the CPR and the

MSDS contains all the information required by the CPR.

Contains No Indian FDA Restricted Materials

Contains NO REACH Substances With Annex XVII

Contains No Substances on REACH Candidate list

Contains No REACH Annex XIV Substances

Contains No REACH Annex III Substance

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16. OTHER INFORMATION

HMIS Rating: Health 0 Fire 0 Reactivity 0

EU Classes and Risk Phrases for Reference (See Sections 2 and 3):

Xi - Irritant

R36 - Irritating to eyes.

Eye Irritant 2: Eye Irritation Category 2

H315: Causes skin irritation

H318: Cause eye Damage

H319: Causes Eye Irritation

H335: May cause Respiratory irritation

H370: Cause Damage to organs

H225: Highly Flammable

Acute Tox 3(Dermal): Acute Toxicity (dermal), Category 3

Acute Tox 3(inhalation;Dust, Mist): Acute Toxicity (inhalation, dust, mist), Category 3

Acute Tox(Oral): Acute Toxicity (oral), Category 3

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MSDS HPC HAND SANITIER IPA

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