

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Annex II
(COMMISSION REGULATION (EU) No 2015/830)

Issue date 20-Feb-2020

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

1.1. Product identifier

Product name	Instant Hand Sanitizer - Gel
REACH registration number	No information available

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

Identified uses Skin disinfectants

Uses that are advised against Not indicated

1.3. Details of the supplier of the safety data sheet

Supplier:

Address:

Postal code:

Phone:

Fax:

E-mail:

1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids (Category 3)

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H226 Flammable liquid and vapour

Precautionary statements

P102 Keep out of reach of children

P210 Keep away from heat, hot surfaces, sparks, open flames and other

Product name: Instant Hand Sanitizer - Gel

ignition sources. No smoking

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

P501 Dispose of contents and container to authorised waste disposal facility

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.1. Mixture

Chemical name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Ethanol	200-578-6	64-17-5	65-68%	H225 Flam. Liq. 2 H319 Eye Irrit. 2 H371 STOT SE 2 H302 Acute Tox. 4 H315 Skin Irrit. 2
Polyacrylic acid	202-415-4	9003-01-4	0.1-0.5%	Not classified
Chamomile Essence	/	/	0.2-0.8%	Not classified
Water	231-791-2	7732-18-5	32-35%	Not classified
Tris(2-Hydroxyethyl)Amine; Triethanolamine	203-049-8	102-71-6	0.5-1.5%	Not classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after skin contact: None under normal use.

First-aid measures after eye contact: Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

First-aid measures after ingestion: Get medical advice/attention if you feel unwell. Drink plenty of water. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed

Symptoms/injuries after eye contact: Causes serious eye irritation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing agents: CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures:	Take up liquid spill into absorbent material. Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.
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For non-emergency personnel

No additional information available

For emergency responders

No additional information available

6.2 Environmental precautions:

No additional information available

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up:	Take up liquid spill into absorbent material.
Other information:	Can be slippery on hard, smooth walking area.

6.4 Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed:	Handle empty containers with care because residual vapours are flammable.
Precautions for safe handling:	Not applicable. No open flames. No smoking. Use only non-sparking tools.
Hygiene measures:	None under normal use.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures:	Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment.
Storage conditions:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep only in original container. Keep cool. Keep in fireproof place. Keep container tightly closed.
Incompatible materials:	Heat sources.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7

8.1. Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information: The lists valid during the making were used as basis.

8.2. Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Respiratory protection: Not required.

Protection of hands: Generally the product does not irritate the skin.

Material of gloves

Not required.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material Not required.

Eye protection:



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Transparent.
Colour:	clear.
Odour:	Slightly Chamomile.
Odour threshold:	No data available
pH:	6.5 - 7.5
Relative evaporation rate (butylacetate=1):	No data available
Melting point:	No data available
Freezing point:	No data available
Boiling point:	> 82 °C
Flash point:	28 °C
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Flammability (solid, gas):	Highly flammable liquid and vapour
Vapour pressure:	No data available
Relative vapour density at 20 °C:	No data available
Relative density:	0.83±0.05 g/ml
Solubility:	No data available
Log Pow:	No data available
Viscosity, kinematic:	10 - 12 seconds (DIN 53211)
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Not applicable.

10.2. Chemical stability

Not applicable. Highly flammable liquid and vapour. May form flammable/explosive vapour-air mixture.

10.3. Possibility of hazardous reactions

Not applicable.

10.4. Conditions to avoid

Not applicable. Open flame. Direct sunlight.

10.5. Incompatible materials

Not applicable.

10.6. Hazardous decomposition products

Not applicable. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

Primary irritant effect:

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

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

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

Aquatic toxicity: No further relevant information available.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Product name: Instant Hand Sanitizer - Gel

In accordance with the requirements of the RVO in the Act on Detergents and Cleansing Agents, tensides are biodegradable up to at least 90 %.

12.5. Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable

12.6. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation

Disposal must be made according to official regulations

Uncleaned packaging:

Recommendation:

Disposal must be made according to official regulations

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA UN1170

14.2 UN proper shipping name

ETHANOL (ETHYL ALCOHOL)

14.3 Transport hazard class(es)

Class 3 Flammable liquids.

14.4 Packing group

ADR, IMDG, IATA II

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for user Warning:

Check whether the packaging is complete or sealed before transportation; ensure that the packaging is not damaged to prevent the goods from falling during transportation; the transportation vehicle should be equipped with fire protection and accidental release handling facilities; do not transport this product with incompatible materials; in the middle Stay away from fire and high temperature areas during the stay.

SECTION 15: Regulatory information

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

Reg . (EC) n. 1272/2008 - CLP;

Reg. (EC) n. 1907/2006 – Reach;

Reg. (EC) n. 2015/830 annex II of REACH;

Reg. (EC) n. 648/04 (Detergents);

Reg. (EC) n. 528/12 (Biocides BPR);

Reg. (EC) n. 1223/2009 (Cosmetics);

Dir. 06/08 ADR – RID - IMDG - IATA;

Dir. 47/08 (Aerosols); Dir. 12/18 (Seveso III);

Dir. 2008/98/CE and Reg. (EC) n.1357/2014 (Waste management)

Directive 2012/18/EU

Named dangerous substances - ANNEX I Substance is not listed.

Seveso category P5c FLAMMABLE LIQUIDS

Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

National regulations:

Waterhazard class:

Water hazard class 1 (Self-assessment): slightly hazardous for water.

15.2 Chemical safety assessment:

A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Issue Date	20-Feb-2020
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Revision Note	Not applicable

Key or legend to abbreviations and acronyms used in the safety data sheet

TWA - TWA (time-weighted average)

STEL - STEL (Short Term Exposure Limit)

Ceiling - Maximum limit value

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

Key literature references and sources for data

ECHA: <http://echa.europa.eu/>

Full text of H-Statements referred to under section 3

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H335 - May cause respiratory irritation

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.