

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

1.1. Product identifier

Product code : V70
Trades code : VS010970

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

Antiseptic hand detergent 70% V/V alcohol
Sectors of use:
Private households[SU21]

Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

V-Shapes s.r.l.
Via Persicetana, 20B - 40012
Calderara di Reno (BO) - Italy
Tel (+39) 0510185079

1.4. Emergency telephone number

Tel (+39) 0510185079
Centro Antiveleni di Torino: Tel. 011 6637637 - CAV Azienda ospedaliera "S.G.Battista" - Molinette (TO)
Centro Antiveleni di Pavia: Tel. 0382 24444 - CAV IRCCs Fondazione Mugerì (PV)
Centro Antiveleni di Roma: Tel. 06 3054343 - CAV Policlinico Gemelli (RM)
Centro Antiveleni di Napoli: Tel.081 7472870 - CAV Ospedale Cardarelli (NA)
Centro Antiveleni di Genova: Tel. 010 5636245 - CAV Ospedale G. Gaslini (GE)

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
GHS02, GHS07

Hazard Class and Category Code(s):
Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

Hazard statement Code(s):
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

The product easily inflames if subordinate to an ignition source.
If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.
Warning: Vapours inhalation may cause sleepiness and giddiness

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
GHS02, GHS07 - Danger



Hazard statement Code(s):
H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

Supplemental Hazard statement Code(s):
not applicable

Precautionary statements:

General

- P101 - If medical advice is needed, have product container or label at hand.
- P102 - Keep out of reach of children.

Prevention

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233 - Keep container tightly closed.

Response

- P370+P378 - In case of fire: Use powder, alcohol-resistant foam, water spray, carbon dioxide to extinguish.

Storage

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

Contains:

Chlorhexidine, glycerol, Isopropanol

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Isopropanol	> 60 <= 100%	Flam. Liq. 2, H225; Eye Dam. 1, H318; STOT SE 3, H336		67-63-0	200-661-7	01-2119457 558-25
Chlorhexidine	> 1 <= 5%	Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 3, H412		18472-51-0	242-354-0	
glycerol	> 0,1 <= 1%			56□81□5	200□289□5	

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
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SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately.

Ingestion:

Drink plenty of water immediately, do not induce vomiting, call a doctor immediately and possibly show him / her the following card or product label. Do not give anything to the person if they are unconscious.

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

No data available.

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

If eye irritation persists: Get medical advice/attention.

If medical advice is needed, have product container or label at hand.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

In the case of fire use: powder, alcohol-resistant foam, water spray, carbon dioxide.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:
Leave the area surrounding the spill or release. Do not smoke
Wear gloves and protective clothing

6.1.2 For emergency responders:
Wear gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. No smoking.
Provision of sufficient ventilation.
Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.
If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.
Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:
Rapidly recover the product, wear a mask and protective clothing
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.
Prevent it from entering the sewer system.

6.3.2 For cleaning up:
After wiping up, wash with water the area and materials involved

6.3.3 Other information:
Nothing in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors
Do not smoke at work
At work do not eat or drink.
Avoid contact with eyes.
See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.
Keep containers upright and safe by avoiding the possibility of falls or collisions.
Store in a cool place, away from sources of heat and direct exposure of sunlight.
Keep containers tightly closed.
Always store in well ventilated areas.
Never close the container tightly, leave a chance to vent
Keep away from open flames, sparks and heat sources. Avoid direct sunlight exposure.

7.3. Specific end use(s)

Private households:

Recommendation for end use as hand gel: the product is highly flammable, use away from sources of ignition, avoid contact with eyes, do not use on damaged skin or mucous membranes.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Isopropanolo

TLV;ACGIH= 200ppm

- Substance: Isopropanol

DNEL

Systemic effects Long term Workers inhalation = 500 (mg/m³)

Systemic effects Long term Workers dermal = 888 (mg/kg bw/day)

Local effects Long term Workers inhalation = 310

PNEC

Sweet water = 140,9 (mg/l)

sediment Sweet water = 552 (mg/kg/sediment)

Sea water = 140,9 (mg/l)

sediment Sea water = 552 (mg/kg/sediment)

8.2. Exposure controls

Appropriate engineering controls:

Private households:

No specific checks expected

Individual protection measures:

Eye / face protection:

No special protection is necessary during normal use of the product. In case of prolonged contact and handling of large quantities, wear safety glasses. (EN 166)

Respiratory protection:

No special protection is necessary during normal use of the product; in case of handling of large quantities and in situations that may involve the formation of vapors / aerosols, wear appropriate filtering facepieces.

Environmental exposure controls:

Do not allow the product to reach surface or groundwater.



SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	colorless liquid	

In conformity to Regulation (EU) 2015/830

Physical and chemical properties	Value	Determination method
Odour	similar to alcohol	
Odour threshold	not determined	
pH	6.5	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	82°C	
Flash point	15°C (referred to isopropyl alcohol)	
Evaporation rate	irrelevant	
Flammability (solid, gas)	irrelevant	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	43 hPa	
Vapour density	not determined	
Relative density	0.92 g/cm ³	
Solubility(ies)	in water	
Water solubility	not determined	
Partition coefficient: n-octanol/water	not determined	
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Avoid contact with combustible materials. The product could catch fire. heat, open flames, sparks or hot surfaces.

10.5. Incompatible materials

It can generate inflammable gases to contact with elementary metals, nitrides, inorganic sulfide, strong reducing agents.

It can generate toxic gases to contact with inorganic sulfide, strong reducing agents.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = ∞

ATE(mix) dermal = ∞

ATE(mix) inhal = ∞

(a) acute toxicity: based on available data, the classification criteria are not met

(b) skin corrosion/irritation based on available data, the classification criteria are not met

(c) serious eye damage/irritation: If brought into contact with eyes, the product, causes significant irritations which may last for more than 24 hours.

(d) respiratory or skin sensitization: based on available data, the classification criteria are not met

(e) germ cell mutagenicity: based on available data, the classification criteria are not met

(f) carcinogenicity: based on available data, the classification criteria are not met

(g) reproductive toxicity: based on available data, the classification criteria are not met

(h) specific target organ toxicity (STOT) single exposure: Warning: Vapours inhalation may cause sleepiness and giddiness

(i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met

(j) aspiration hazard: based on available data, the classification criteria are not met

Related to contained substances:

Isopropanol:

LD50 (rat) Oral (mg/kg body weight) 5840

Chlorhexidine:

LD50 (rat) Oral (mg/kg body weight) 5001

LD50 Dermal (rat or rabbit) (mg/kg body weight) 5001

SECTION 12. Ecological information

12.1. Toxicity

Isopropanolo

LC50 pimephales promelas 9640mg/l (96h)

EC50 daphnia magna >10000 mg/l (24h)

Clorexidina

EC10 72h desmodesmus subspicatus 0.15 mg/l

EC50 72h desmodesmus subspicatus 0.41 mg/l

EC50 48h daphnia magna 0.44 mg/l

LC50 96h brachydanio resio 10.4 mg/l

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

Isopropanolo
Easily biodegradable.

Clorexidina
Easily biodegradable.

12.3. Bioaccumulative potential

Isopropanolo
It does not accumulate.

Clorexidina
It does not accumulate.

12.4. Mobility in soil

Isopropanolo
It evaporates quickly.

12.5. Results of PBT and vPvB assessment

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

12.6. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

The surfactant formulated in accordance with the criteria set out in Regulation (EC) biodegradabilit/648/2004 on detergents. All supporting data shall be kept available to the competent authorities of the Member States and will be provided, at their explicit request or at the request of a manufacturer of the formulation, the above authority.

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.
Recover if possible. Operate according to local or national regulations

SECTION 14. Transport information

14.1. UN number

ADR/RID/IMDG/ICAO-IATA: 1219

If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 1 L per package 30 Kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 Kg



14.2. UN proper shipping name

ADR/RID/IMDG: ISOPROPANOLO (ALCOL ISOPROPILICO)
ADR/RID/IMDG: ISOPROPANOL (ISOPROPYL ALCOHOL)
ICAO-IATA: ISOPROPANOL (ISOPROPYL ALCOHOL)

14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 3
ADR/RID/IMDG/ICAO-IATA: Label : 3
ADR: Tunnel restriction code : D/E
ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L
IMDG - EmS : F-E, S-D

14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is not environmentally hazardous
IMDG: Marine polluting agent : Not

14.6. Special precautions for user

The transport must be carried out by authorised vehicles carrying dangerous goods in accordance with the requirements of the current edition of the agreement and the provisions A.D.R national regulations.
The transport must be carried out in the original packaging and in packages that are made from materials resistant to the content and not likely to generate with this dangerous reactions. Employees to the loading and unloading of dangerous goods have received proper training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

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

REGULATION (EU) No 1357/2014 - waste:
HP4 - Irritant — skin irritation and eye damage
HP5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

15.2. Chemical safety assessment

The supplier has made an assessment of chemical safety

SECTION 16. Other information

16.1. Other information

Points modified compared to previous release: 1.2. Relevant identified uses of the substance or mixture and uses advised against, 2.3. Other hazards, 4.1. Description of first aid measures, 7.1. Precautions for safe handling, 8.1. Control parameters, 8.2. Exposure controls, 12.1. Toxicity, 12.2. Persistence and degradability, 12.3. Bioaccumulative potential, 12.4. Mobility in soil

Description of the hazard statements exposed to point 3

H225 = Highly flammable liquid and vapour.

H318 = Causes serious eye damage.

H336 = May cause drowsiness or dizziness.

Classification based on data of all mixture components

GENERAL BIBLIOGRAPHY:

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2015/830 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Commission Regulation (EC) No 790/2009 of 10 August 2009
- Commission Regulation (EU) No 286/2011 of 10 March 2011
- Commission Regulation (EU) No 618/2012 of 10 July 2012
- Commission Regulation (EU) No 487/2013 of 8 May 2013
- Council Regulation (EU) No 517/2013 of 13 May 2013
- Commission Regulation (EU) No 758/2013 of 7 August 2013
- Commission Regulation (EU) No 944/2013 of 2 October 2013
- Commission Regulation (EU) No 605/2014 of 5 June 2014
- Commission Regulation (EU) 2015/491 of 23 March 2015
- Commission Regulation (EU) No 1297/2014 of 5 December 2014- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

Note to the user:

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous
