

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Sanitizer 945
Revision date : 13-08-2014
Print date : 26-09-2014

Version (Revision) : 3.0.1 (3.0.0)

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

1.1 Product identifier

Sanitizer 945 (R351)

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

Relevant identified uses

Disinfectant

Uses advised against

This product should not be used for purposes other than the applications referred to above.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Americol BV

Street : Sluispolderweg 33

Postal code/city : 1505 HJ Zaandam

Telephone : +31 (0)75-6313244

Telefax : +31 (0)75-6313265

Information contact : Rene Doornink

Website : www.americol.nl

E-mail (competent person) : r.doornink@americol.nl

1.4 Emergency telephone number

+31 (0)75-6313244 (08:00 - 16:30 h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Eye Dam. 1 ; H318 - Serious eye damage/eye irritation : Category 1 ; Causes serious eye damage.

Skin Corr. 1B ; H314 - Skin corrosion/irritation : Category 1B ; Causes severe skin burns and eye damage.

2.2 Label elements

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

Hazard pictograms



Corrosion (GHS05)

Signal word

Danger

Hazard components for labelling

Isotridecanol, ethoxylated ; CAS No. : 69011-36-5

DIDECYLDIMETHYLAMMONIUMCHLORIDE ; CAS No. : 7173-51-5

Hazard statements

H314

Causes severe skin burns and eye damage.

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Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P264 Wash ... thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 Immediately call a POISON CENTER/doctor/...
P321 Specific treatment (see ... on this label).
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P405 Store locked up.

2.3 Other hazards

Prolonged or repeated skin contact may cause removal of natural fat from the skin resulting in dermatitis (skin inflammation).

2.4 Additional information

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

SECTION 3: Composition / information on ingredients

3.2 Mixtures

Hazardous ingredients

Isotridecanol, ethoxylated ; CAS No. : 69011-36-5

Weight fraction : 5 - 10 %
Classification 67/548/EEC : Xi ; R41 Xn ; R22
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302

DIDECYLDIMETHYLAMMONIUMCHLORIDE ; EC No. : 230-525-2; CAS No. : 7173-51-5

Weight fraction : 3 - 5 %
Classification 67/548/EEC : N ; R50 C ; R34 Xn ; R22
Classification 1272/2008 [CLP] : Skin Corr. 1B ; H314 Acute Tox. 4 ; H302 Aquatic Acute 1 ; H400

SODIUM CARBONATE ; EC No. : 207-838-8; CAS No. : 497-19-8

Weight fraction : 2,5 - 10 %
Classification 67/548/EEC : Xi ; R36
Classification 1272/2008 [CLP] : Eye Irrit. 2 ; H319

PROPAN-2-OL ; EC No. : 200-661-7; CAS No. : 67-63-0

Weight fraction : 2,5 - 10 %
Classification 67/548/EEC : F ; R11 Xi ; R36 R67
Classification 1272/2008 [CLP] : Flam. Liq. 2 ; H225 Eye Irrit. 2 ; H319 STOT SE 3 ; H336

Additional information

Full text of R-, H- and EUH-phrases: see section 16.

3.3 Components according to regulation (EG) Nr. 648/2004

SECTION 4: First aid measures

4.1 Description of first aid measures

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General information

When in doubt or if symptoms are observed, get medical advice.

In case of inhalation

No special measures are necessary.

In case of skin contact

Wash immediately with: Water and soap Change contaminated, saturated clothing. Wash contaminated clothing prior to re-use.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Call a physician in any case! Do NOT induce vomiting. If major quantity of dust is swallowed or inhaled, immediately drink: Water

4.2 Most important symptoms and effects, both acute and delayed

The following symptoms may occur: No known symptoms to date. Repeated exposure may cause skin dryness or cracking.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

None

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

5.4 Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment

Avoid contact with skin, eyes and clothes. Use personal protection equipment.

Emergency procedures

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.2 Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Make sure spills can be contained, e.g. in sump pallets or kerbed areas. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

For containment

Collect in closed and suitable containers for disposal. Treat the recovered material as prescribed in the section on waste disposal.

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For cleaning up

Suitable material for taking up: Sand Absorbing material, organic

6.4 Reference to other sections

See protective measures under point 7 and 8.

SECTION 7: Handling and storage



7.1 Precautions for safe handling

None

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep/Store only in original container. Suitable container/equipment material: Stainless steel Polyethylene (PE)

Unsuitable container/equipment material: Butyl caoutchouc (butyl rubber)

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type (country of origin) : TRGS 900 (D)

Limit value : 200 ppm / 500 mg/m³

Peak limitation : 2(II)

Remark : Y

Version : 01-09-2012

Biological limit values

PROPAN-2-OL ; CAS No. : 67-63-0

Limit value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Whole blood (B) / End of exposure or end of shift

Limit value : 50 mg/l

Version : 31-03-2004

Limit value type (country of origin) : TRGS 903 (D)

Parameter : Acetone / Urine (U) / End of exposure or end of shift

Limit value : 50 mg/l

Version : 31-03-2004

8.2 Exposure controls

Personal protection equipment

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Eye/face protection

Eye glasses with side protection

Skin protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. DIN-/EN-Norms DIN EN 374 DIN EN 420 Suitable material NBR (Nitrile rubber) PVA (Polyvinyl alcohol) PVC (Polyvinyl chloride)

General health and safety measures

Immediately remove any contaminated clothing, shoes or stockings. Wash contaminated clothing prior to re-use.

Environmental exposure controls

See section 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Colour : colourless

Odour : Alcohol.

Safety relevant basis data

Physical state :			liquid
Melting point/melting range :			No data available
Boiling temperature/boiling range :	(1013 hPa)	>	100 °C
Decomposition temperature :			not applicable
Freezing point :			No data available
Flash point :			not applicable
Auto-ignition temperature :			not applicable
Lower explosion limit :			not applicable
Upper explosion limit :			not applicable
Vapour Pressure :	(20 °C)		No data available
Evaporation rate (n-butylacetate = 1) :			No data available
Density :	(20 °C)	ca.	1,02 g/cm ³
Water solubility :	(20 °C)		100 Wt %
PH value :			12
Partition coefficient (n-octanol/water) :		<	3
Viscosity :	(20 °C)	<	10 mPa.s
Vapour density (air = 1) :	(101 kPa)		No data available

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

not applicable

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10.2 Chemical stability

Stable under normal conditions of use

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

Strong oxidizers

10.6 Hazardous decomposition products

No information available.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Irritant and corrosive effects

Primary irritation to the skin

Irritant.

Irritation to eyes

Irritant.

Irritation to respiratory tract

No data available

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Germ cell mutagenicity/Genotoxicity

No indications of human germ cell mutagenicity exist.

Reproductive toxicity

This substance does not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Specific target organ toxicity (single exposure)

not applicable

Specific target organ toxicity (repeated exposure)

Prolonged or repeated contact with skin or mucous membrane result in irritation symptoms such as redness, blistering, dermatitis, etc.

SECTION 12: Ecological information

12.1 Toxicity

Harmless to aquatic organisms up to the tested concentration

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

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12.6 Other adverse effects

None

12.7 Further ecological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Delivery to an approved waste disposal company. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

14.1 UN number

Land transport (ADR/RID) : UN3082

Sea transport (IMDG) : UN

Air transport (ICAO-TI / IATA-DGR) : UN

14.2 UN proper shipping name

Land transport (ADR/RID)

DIDECYLDIMETHYLAMMONIUMCHLORIDE (DIDECYLDIMETHYLAMMONIUMCHLORIDE)

14.3 Transport hazard class(es)

Land transport (ADR/RID)

Class(es) : 9

Classification code : M6

Hazard identification number (Kemler

No.) : 90

Hazard label(s) : 9 / N

Sea transport (IMDG)

Class(es) : -

Air transport (ICAO-TI / IATA-DGR)

Class(es) : -

14.4 Packing group

Land transport (ADR/RID) : III

14.5 Environmental hazards

Land transport (ADR/RID) : Yes

14.6 Special precautions for user

None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

SECTION 15: Regulatory information

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

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

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15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

16.1 Indication of changes

02. Classification of the substance or mixture · 02. Label elements · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] · 02. Labelling according to Regulation (EC) No. 1272/2008 [CLP] - Hazard components for labelling · 03. Hazardous ingredients

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
11	Highly flammable.
22	Harmful if swallowed.
34	Causes burns.
36	Irritating to eyes.
41	Risk of serious damage to eyes.
50	Very toxic to aquatic organisms.
67	Vapours may cause drowsiness and dizziness.

16.6 Training advice

None

16.7 Additional information

Article No.: 351

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.