

EFFECTIVE AND FAST- ACTING SANITISER

**ALCOHOL-BASED SANITISER
AVAILABLE AS FOAM AND SPRAY
FOR A WIDE RANGE OF DISPENSERS**



KILLS 99.99% OF COMMON GERMS
Fully tested and proven to be bactericidal, virucidal and yeasticidal



FAST ACTING FORMULATION
Disinfects hands in 30 seconds



CONTAINS 70% ALCOHOL
In line with WHO recommendations



CONTAINS MOISTURISING INGREDIENTS
To help prevent skin dryness



AVAILABLE IN FOAM OR SPRAY FORMATS
Choose the solution that works for your facility



Rubbermaid
Commercial Products

Foam Alcohol Hand Rub

Formulation type: liquid (A1)
For professional use • Gewerbliche Nutzung • Stručna uporaba • Profesionální použití • Erhvervsmessig anvendelse • Kutseseaine kasutus • Ammatillajärjestö • Utilisation professionnelle • Uso profesional • Specialista l'etichetta • Profesionalne naodžimas • Profesionell gebrauch • Profesionell bruk • Zdravstvenik zavezovanje • Uso profesional • Uso profesional • Profesionell bruk • Tax emyrvakvæmngun.

Newell Europe Sàrl
Chemin de Blandonnet 10
CH-1214 Versier - Switzerland
T +44(0)870 5688824
SDS.RCP@newellco.com

Enthält: 65,53% w/v Ethanol (CAS 64-17-5)

Anwendung: Handhygiene. Kein vorheriges Händewaschen erforderlich. Handdesinfektion gemäß EN1500 geben Sie 2 ml des Produkts direkt auf Hände und reiben Sie 30 Sekunden. Wiederholen Sie den Vorgang zwei Produkt nicht abwischen.

| | |
|---|--------------|
| Wirksam gegen Bakterien EN1500 | 2 ml, 30 sec |
| Wirksam gegen Bakterien EN1276, EN 13727 +A2 | 30 sec |
| Wirksam gegen Viren EN14476+A1 alle behüllten Viren | 30 sec |
| Wirksam gegen Hefepilze EN1550+A1, EN 13624 | 30 sec |

Gefahr: Flüssigkeit und Dampf leicht entzündbar. Verursacht schwere Augenreizung. Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie deren Zündquellenarten fernhalten. Nicht rauchen. Behälter dicht verschlossen halten. Augenschutz tragen. BEI KONTAKT MIT DEN AUGEN: Einige Minuten behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. Bei anhaltender Augenreizung: sofort ärztliche Hilfe hinzuziehen. An einem gut belüfteten Ort aufbewahren. Kühl halten. Inhalt/Behälter einer Sammelbox für gefährliche Abfälle oder Sonderabfälle, automatisierter Abfallentsorgungsentwurf. Nur zur professionellen und externen Verwendung. VOR FROST! SCHÜTZEN VOR HITZE! SCHÜTZEN

Chargennummer und Ablaufdatum unter normalen Lagerbedingungen: siehe Seite.
Autorisierungs- oder Meldungsnummer: NOTIF195 / N-70217 / 136200 / CRD 623342-38
Vergiftungsinformationszentrale (VIZ): +43 1 406 43 43
Centre Antipoisons: +32 70 245 245
BfR Bundesinstitut für Risikobewertung: +49-30-18412-0
Centre Antipoisons: +352 8002-5500
Tox Info Suisse: 145

**SHELF LIFE**

Rubbermaid Commercial Products hand hygiene refills have a shelf life of 2 years from the date of manufacture indicated on the refill.

**ACTIVE SUBSTANCE**

65,53% w/w of Ethanol (CAS 64-17-5)

**NSF CERTIFIED**

The NSF certification mark assures that a product complies with all standard requirements set forth by the NSF to guarantee product quality, compliance and safety. This product complies with the NSF International standards for Nonfood Compounds / Hand Sanitizing Products (Category Code E3).

**FRAGRANCE-FREE**

No added fragrance

**PRECAUTIONS OF USE**

Highly flammable liquid and vapour. Keep away from heat, hot surfaces, sparks, open flames. No smoking. Do not spray on an open flame or other ignition source.

**INGREDIENTS**

Alcohol Denat., Water (Aqua), PEG-6 Caprylic/Capric Glycerides, Sodium Lactate, PEG-14M, Silica, Disodium Lauriminodipropionate Tocopheryl Phosphates, Phenoxyethanol, Benzoic Acid, Dehydroacetic Acid, PEG/PPG-25/25 Dimethicone, Shea Butteramidopropyl Betaine, Hexylene Glycol, Sodium Citrate, Lactic Acid

**EFFICACY TESTING**

The Alcohol Plus formulation has been tested against the following standards:

| ACTIVE AGAINST | EU STANDARD | DETAILS | CONTACT TIME |
|-----------------|---------------|---|--------------|
| BACTERIA | EN 1500 | Hygienic hand rub, 2ml | 30 sec |
| BACTERIA | EN 1276 | Bactericidal activity (food, industrial, domestic and institutional areas) | 30 sec |
| BACTERIA | EN 13727 + A2 | Bactericidal activity (medical area) | 30 sec |
| VIRUSES | EN 14476 + A1 | Virucidal activity against enveloped viruses. According to the standard this product is effective against all enveloped viruses under the conditions tested. Enveloped viruses include: HIV, coronavirus (e.g. SARS, MERS), Influenza, HBV, HCV, etc. | 30 sec |
| VIRUSES | EN 14476 + A2 | Virucidal activity against Murine Norovirus | 2 min |
| YEAST | EN 1650 + A1 | Yeasticidal activity (food, industrial, domestic and institutional areas) | 30 sec |
| YEAST | EN 13624 | Fungicidal activity (medical area) | 30 sec |

FORMULATION**DIRECTIONS OF USE****FOAM OR SPRAY**

- For general hand hygiene, apply on clean hands and rub across hands.
- For hygienic hand disinfection according to EN 1500, apply 2ml of product directly on the hands. Rub for 30 seconds, repeat two times. Do not rinse off.

SINGLE PRODUCT INFORMATION

| DESCRIPTION | COLOUR | SKU | DIMENSIONS (cm) | GROSS WEIGHT (kg) | PACK SIZE |
|------------------------------|--------|---------|--------------------------|-------------------|-----------|
| 1000ML ALCOHOL PLUS AUTOFOAM | CLEAR | 2146691 | 15.999 L x 7.0 W x 3.0 H | 1.2 | 4 |
| 1000ML ALCOHOL PLUS FLEX | CLEAR | 2146692 | 6.35 L x 33.7 W x 2.7 H | 1.0 | 4 |
| 500ML ALCOHOL PLUS FLEX | CLEAR | 2146693 | 11.199 L x 6.5 W x 2.1 H | 0.5 | 5 |
| 400ML ALCOHOL PLUS SPRAY | CLEAR | 2146695 | 7.501 L x 15.0 W x 1.1 H | 0.4 | 12 |

SHIPPING CASE INFORMATION

| DESCRIPTION | SKU | EAN | BARCODE CARTON | DIMENSIONS (cm) | GROSS WEIGHT (kg) | COUNTRY OF ORIGIN |
|------------------------------|---------|---------------|----------------|--------------------------|-------------------|-------------------|
| 1000ML ALCOHOL PLUS AUTOFOAM | 2146691 | 5453001918785 | 15453001918782 | 20.0 L x 17.8 W x 8.8 H | 4.6 | NL |
| 1000ML ALCOHOL PLUS FLEX | 2146692 | 5453001918792 | 15453001918799 | 23.0 L x 14.5 W x 11.3 H | 3.1 | NL |
| 500ML ALCOHOL PLUS FLEX | 2146693 | 5453001918808 | 15453001918805 | 27.0 L x 12.5 W x 10.7 H | 2.5 | NL |
| 400ML ALCOHOL PLUS SPRAY | 2146695 | 5453001918822 | 15453001918829 | 25.0 L x 17.0 W x 12.8 H | 4.4 | NL |



We believe in the reassurance of partnership. Which is why we promise all our customers that every Rubbermaid Commercial Products hand hygiene solution has been designed, tested and built to reliably and rigorously protect their people, every time they're used.



Foam Alcohol Hand Rub

Formulation type: liquid (AL)

For professional use • Gewerbliche Nutzung • Strucna uporaba • Profesionální použití • Erhvervmæssig anvendelse • Kutsealane kasutus • Ammatikäyttöön • Utilisation professionnelle • Uso professionale • Specialistu lietošanai • Profesionalus naudojimas • Professioneel gebruik • Profesjonell bruk • Zastosowanie zawodowe • Uso professional • Uso profesional • Professionellt bruk • Για επαγγελματική χρήση.

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AT BE DE LUX CH

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UK IE

Contains: 65,53% w/w of ethanol (CAS 64-17-5)

Directions of use: Hygienic hand sanitiser. No prior hand washing necessary. For hand disinfection according to EN1500, apply 2 ml of product directly on the hands and rub for 30 seconds, repeat two times. Do not rinse off.

| | |
|--|--------------|
| Bactericidal efficacy EN1500 | 2 ml, 30 sec |
| Bactericidal efficacy EN1276, EN 13727 +A2 | 30 sec |
| Virucidal efficacy EN14476+A1, all enveloped viruses | 30 sec |
| Yeastacidal efficacy EN1650+A1, EN 13624 | 30 sec |

| | |
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| Wirksam gegen Viren EN14476+A1 alle behüllten Viren | 30 sec |
| Wirksam gegen Hefepilze EN1650+A1, EN 13624 | 30 sec |

Danger. Highly flammable liquid and vapour. Causes serious eye irritation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Wear eye protection. 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. Store in a well-ventilated place. Keep cool. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation. For professional and external use only. PROTECT FROM FREEZING. AVOID EXCESSIVE HEAT.

Batch number and the expiry date relevant to normal conditions storage: see side panel.

Authorization or notification number: PCS 99336

NHS Direct: 0845 46 47 / NHS24: 08454 24 24 24

National Poisons Information Centre: 01 809 2166

Gefahr. Flüssigkeit und Dampf leicht entzündbar. Verursacht schwere Augenreizung. Von Hitze, heißen Oberflächen, Funken, offenen Flammen sowie anderen Zündquellenarten fernhalten. Nicht rauchen. Behälter dicht verschlossen halten. Augenschutz tragen. BEI KONTAKT MIT DEN AUGEN: Einige Minuten lang behutsam mit Wasser spülen. Eventuell vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter spülen. Bei anhaltender Augenreizung: Ärztlichen Rat einholen/ärztliche Hilfe hinzuziehen. An einem gut belüfteten Ort aufbewahren. Kühl halten. Inhalt/Behälter einer Sammelstelle für gefährliche Abfälle oder Sonderabfälle, autorisierter Abfallentsorgungsanlage zuführen. Nur zur professionellen und externen Verwendung. VOR FROST SCHÜTZEN, VOR HITZE SCHÜTZEN

Chargennummer und Ablaufdatum unter normalen Lagerbedingungen: siehe Seite.

Autorisierungs- oder Meldungsnummer:
NOTIF1195 | N-70217 | 138/20/L | CPID 623342-38
Vergiftungsinformationszentrale (VIZ): +43 1 406 43 43
Centre Antipoisons: +32 70 245 245
BfR Bundesinstitut für Risikobewertung +49-30-18412-0
Centre Antipoisons +352 8002-5500
Tox Info Suisse 145





Foam Alcohol Hand Rub



Formulation type: liquid (AL)
For professional use • Gewerbliche Nutzung • Strucna uporaba • Profesionální použití • Erhvervsmaessig anvendelse • Kutsealane kasutus • Ammattikäyttöön • Utilisation professionnelle • Uso professionale • Specialistu lietošanai • Profesionalus naudojimas • Professioneel gebruik • Profesjonell bruk • Zastosowanie zawodowe • Uso professional • Uso profesional • Professionellt bruk • Για επαγγελματική χρήση.

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Foam Alcohol Hand Rub

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Issue date: 3/24/2017 Revision date: 7/8/2020

Version: 1.3

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

1.1. Product identifier

Product name : Foam Alcohol Hand Rub
Product code : RHG 4440
Type of product : Biocide
SKU # : 2146691 | 2146692 | 2146693 | 2146694 | 2146695

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Newell Europe Sàrl
Chemin de Blandonnet 8
CH-1214 Vernier - Switzerland
T +44(0)870 5686824
SDS.RCP@newellco.com

1.4. Emergency telephone number

Emergency number : +44(0)870 5686824

| Country | Organisation/Company | Address | Emergency number | Comment |
|----------------|---|---|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals-24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Belfast Centre) Royal Victoria Hospital | Grosvenor Road BT12 6BA Belfast | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service (Cardiff Centre) Gwenwyn Ward, Llandough Hospital | Penarth CF64 2XX Cardiff | 0344 892 0111 | |
| United Kingdom | National Poisons Information Service Edinburgh Royal Infirmary of Edinburgh | Little France Crescent EH16 4SA Edinburgh | 0344 892 0111 | |
| United Kingdom | Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust | Avonley Road SE14 5ER London | +44 20 7188 7188 | |
| United Kingdom | National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre, Wolfson Unit | Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle | 0344 892 0111 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Flammable liquids, Category 2 H225

Serious eye damage/eye irritation, Category 2 H319

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

Foam Alcohol Hand Rub

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS02

GHS07

Signal word (CLP) : Danger

Hazardous ingredients : Alcohol

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
H319 - Causes serious eye irritation.

Precautionary statements (CLP) : P210 - Keep away from heat, sparks, open flames, hot surfaces. No smoking.
P233 - Keep container tightly closed.
P280 - Wear eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents/container to an approved waste disposal plant.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---|---|---------|---|
| Alcohol | (CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43 | 60 – 70 | Flam. Liq. 2, H225 |
| ISOPROPYL ALCOHOL | (CAS-No.) 67-63-0 (EC-No.) 200-661-7 (EC Index-No.) 603-117-00-0 (REACH-no) 01-2119457558-25 | 1 – 10 | Flam. Liq. 2, H225 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Eye Irrit. 2, H319 STOT SE 3, H336 |
| Glycerides, C8-10 mono-, di-, and tri-, ethoxylated | (CAS-No.) 308067-11-0 | 1 – 10 | Eye Irrit. 2, H319 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|---------|---|-----------------------------------|
| Alcohol | (CAS-No.) 64-17-5 (EC-No.) 200-578-6 (EC Index-No.) 603-002-00-5 (REACH-no) 01-2119457610-43 | (50 ≤C < 100) Eye Irrit. 2, H319 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : None under normal use. Rinse skin with water/shower. Take off immediately all contaminated clothing.

First-aid measures after eye contact : 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.

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

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

Symptoms/effects : Not applicable.

Foam Alcohol Hand Rub

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

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

Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Sand. Water spray.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Highly flammable liquid and vapour.
Explosion hazard : May form flammable/explosive vapour-air mixture.
Hazardous decomposition products in case of fire : Not applicable.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Not applicable.

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.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information : Can be slippery on hard, smooth walking area.

6.4. Reference to other sections

For further information refer to section 13. See Heading 8. Exposure controls and personal protection.

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. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Use only non-sparking tools.
Hygiene measures : None under normal use. Wash hands, forearms and face thoroughly after handling.

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. Use explosion-proof electrical/ventilating/lighting equipment.
Storage conditions : Keep only in original container. Keep cool. Keep only in the original container in a cool, well ventilated place away from : Keep in fireproof place. Keep container tightly closed.
Incompatible products : Strong bases. Strong acids.
Incompatible materials : Sources of ignition. Direct sunlight. Heat sources.

7.3. Specific end use(s)

Not applicable.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Foam Alcohol Hand Rub

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| ISOPROPYL ALCOHOL (67-63-0) | | |
|-----------------------------|-------------------------------|---|
| Ireland | Local name | Isopropyl alcohol |
| Ireland | OEL (8 hours ref) (ppm) | 200 ppm |
| Ireland | OEL (15 min ref) (ppm) | 400 ppm |
| Ireland | Notes (IE) | Sk (Substances which have the capacity to penetrate intact skin when they come in contact with it, and be absorbed into the body) |
| Ireland | Regulatory reference | Code of Practice for the Chemical Agents Regulations 2018 |
| United Kingdom | Local name | Propan-2-ol |
| United Kingdom | WEL TWA (mg/m ³) | 999 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 400 ppm |
| United Kingdom | WEL STEL (mg/m ³) | 1250 mg/m ³ |
| United Kingdom | WEL STEL [ppm] | 500 ppm |
| United Kingdom | Regulatory reference | EH40/2005 (Third edition, 2018). HSE |
| Alcohol (64-17-5) | | |
| Ireland | Local name | Ethanol |
| Ireland | OEL (15 min ref) (ppm) | 1000 ppm |
| Ireland | Regulatory reference | Code of Practice for the Chemical Agents Regulations 2018 |
| United Kingdom | Local name | Ethanol |
| United Kingdom | WEL TWA (mg/m ³) | 1920 mg/m ³ |
| United Kingdom | WEL TWA (ppm) | 1000 ppm |
| United Kingdom | Regulatory reference | EH40/2005 (Third edition, 2018). HSE |

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8.2. Exposure controls

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear protective gloves.

Eye protection:

None under normal use. Chemical goggles or safety glasses

Respiratory protection:

None under normal use. Wear appropriate mask

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------------------------|
| Physical state | : Liquid |
| Appearance | : Transparent. |
| Colour | : clear. |
| Odour | : odourless. |
| Odour threshold | : No data available |
| pH | : 5.5 – 6.5 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : > 78 °C |
| Flash point | : 22 °C |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Highly flammable liquid and vapour. |

Foam Alcohol Hand Rub

Safety Data Sheet

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| | |
|---|-------------------------------|
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 0.87 – 0.876 |
| Solubility | : No data available |
| Partition coefficient n-octanol/water (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 additional 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. Not established.

10.4. Conditions to avoid

Not applicable. Direct sunlight. Extremely high or low temperatures. Open flame.

10.5. Incompatible materials

Not applicable. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Not applicable. fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

| ISOPROPYL ALCOHOL (67-63-0) | |
|-----------------------------------|------------------------|
| LD50 oral rat | 2000 mg/kg |
| LD50 oral | 4396 mg/kg bodyweight |
| LD50 dermal rat | 2000 mg/kg |
| LD50 dermal | 12800 mg/kg bodyweight |
| LC50 Inhalation - Rat (Dust/Mist) | 46600 mg/l |

| Alcohol (64-17-5) | |
|-----------------------------------|------------------------|
| LD50 oral rat | 7060 mg/kg |
| LD50 oral | 10470 mg/kg bodyweight |
| LD50 dermal rabbit | > 16000 mg/kg |
| LD50 dermal | 15800 mg/kg bodyweight |
| LC50 Inhalation - Rat | > 20 mg/l/4h |
| LC50 Inhalation - Rat (Dust/Mist) | > 99999 mg/l |

| | |
|-----------------------------------|--|
| Skin corrosion/irritation | : Not classified pH: 5.5 – 6.5 |
| Additional information | : Based on available data, the classification criteria are not met |
| Serious eye damage/irritation | : Causes serious eye irritation. pH: 5.5 – 6.5 |
| Respiratory or skin sensitisation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |

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| | |
|---|---|
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|---|
| Ecology - general | : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment. |
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

| ISOPROPYL ALCOHOL (67-63-0) | |
|--------------------------------|----------------------|
| LC50 fish 1 | 100 mg/l |
| EC50 Daphnia 1 | 100 mg/l |
| EC50 other aquatic organisms 1 | 13299 mg/l waterflea |
| EC50 other aquatic organisms 2 | > 1000 mg/l |

| Alcohol (64-17-5) | |
|--------------------------------|---------------------|
| LC50 fish 1 | 13000 mg/l |
| EC50 Daphnia 1 | 9300 mg/l |
| EC50 other aquatic organisms 1 | 5012 mg/l waterflea |
| EC50 other aquatic organisms 2 | 275 mg/l |

12.2. Persistence and degradability

| Foam Alcohol Hand Rub | |
|-------------------------------|----------------------------------|
| Persistence and degradability | Not applicable. Not established. |

| Alcohol (64-17-5) | |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |

12.3. Bioaccumulative potential

| Foam Alcohol Hand Rub | |
|---------------------------|----------------------------------|
| Bioaccumulative potential | Not applicable. Not established. |

| ISOPROPYL ALCOHOL (67-63-0) | |
|---|------|
| Partition coefficient n-octanol/water (Log Pow) | 0.05 |

| Alcohol (64-17-5) | |
|---|------------------|
| Partition coefficient n-octanol/water (Log Pow) | -0.32 |
| Bioaccumulative potential | Not established. |

12.4. Mobility in soil

| Foam Alcohol Hand Rub | |
|-----------------------|-----------------|
| Ecology - soil | Not applicable. |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

| | |
|------------------------|-------------------------------------|
| Other adverse effects | : Not applicable. |
| Additional information | : Avoid release to the environment. |

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SECTION 13: Disposal considerations

13.1. Waste treatment methods






Product/Packaging disposal recommendations : Refer to manufacturer/supplier for information on recovery/recycling. Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional information : Handle empty containers with care because residual vapours are flammable.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

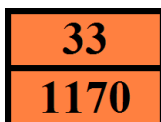
In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA | ADN | RID |
|---|--|--|---|--|
| 14.1. UN number | | | | |
| 1170 | 1170 | 1170 | 1170 | 1170 |
| 14.2. UN proper shipping name | | | | |
| ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) | Ethanol solution | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) | ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION) |
| Transport document description | | | | |
| UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II, (D/E) | UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II | UN 1170 Ethanol solution, 3, II | UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II | UN 1170 ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION), 3, II |
| 14.3. Transport hazard class(es) | | | | |
| 3 | 3 | 3 | 3 | 3 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| II | II | II | II | II |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |
| No supplementary information available | | | | |

14.6. Special precautions for user

- Overland transport

Classification code (ADR) : F1
Special provisions (ADR) : 144, 601
Limited quantities (ADR) : 11
Excepted quantities (ADR) : E2
Packing instructions (ADR) : P001, IBC02, R001
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions (ADR) : TP1
Tank code (ADR) : LGBF
Vehicle for tank carriage : FL
Transport category (ADR) : 2
Special provisions for carriage - Operation (ADR) : S2, S20
Hazard identification number (Kemler No.) : 33
Orange plates :



Tunnel restriction code (ADR) : D/E

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EAC code : •2YE

- Transport by sea

Special provisions (IMDG) : 144
Limited quantities (IMDG) : 1 L
Excepted quantities (IMDG) : E2
Packing instructions (IMDG) : P001
IBC packing instructions (IMDG) : IBC02
Tank instructions (IMDG) : T4
Tank special provisions (IMDG) : TP1
EmS-No. (Fire) : F-E
EmS-No. (Spillage) : S-D
Stowage category (IMDG) : A
Properties and observations (IMDG) : Colourless, volatile liquids. Pure ETHANOL: flashpoint 13°C c.c. Explosive limits: 3.3% to 19% Miscible with water.

- Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y341
PCA limited quantity max net quantity (IATA) : 1L
PCA packing instructions (IATA) : 353
PCA max net quantity (IATA) : 5L
CAO packing instructions (IATA) : 364
CAO max net quantity (IATA) : 60L
Special provisions (IATA) : A3, A58, A180
ERG code (IATA) : 3L

- Inland waterway transport

Classification code (ADN) : F1
Special provisions (ADN) : 144, 601
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E2
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EX, A
Ventilation (ADN) : VE01
Number of blue cones/lights (ADN) : 1

- Rail transport

Classification code (RID) : F1
Special provisions (RID) : 144, 601
Limited quantities (RID) : 1L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001, IBC02, R001
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions (RID) : TP1
Tank codes for RID tanks (RID) : LGBF
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE7
Hazard identification number (RID) : 33

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list

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Contains no REACH Annex XIV substances

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

| Section | Changed item | Change | Comments |
|---------|--|----------|----------|
| | Revision date | Added | |
| 1.1 | Name | Modified | |
| 2.2 | Precautionary statements (CLP) | Modified | |
| 3 | Composition/information on ingredients | Modified | |

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

| | |
|-----------------------|--|
| Acute Tox. 4 (Dermal) | Acute toxicity (dermal), Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Flam. Liq. 2 | Flammable liquids, Category 2 |
| STOT SE 3 | Specific target organ toxicity — Single exposure, Category 3, Narcosis |
| H225 | Highly flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H312 | Harmful in contact with skin. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

SDS EU ANNEX II NEWELL

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.