



SANITISER RANGE 2020

PRODUCT OFFERINGS

- ▶ 70% Alcohol Gel Based Hand Sanitiser
- ▶ 70% Alcohol Spray Surface and Hand Sanitiser
- ▶ Lactic Acid Based Hand Sanitiser
- ▶ Benzalkonium Chloride Based Hand Sanitiser
- ▶ Sanitising Disinfectant
- ▶ Antibacterial Hand Wash

70% Alcohol Gel Based Hand Sanitiser

Hero Ingredients

- ▶ Glycerine (plant based)
- ▶ Sugar beet and rapeseed extract (betaine)
- ▶ 70% alcohol (NZ sourced) to kill most common germs
- ▶ Aloe Vera Juice
- ▶ Vitamin E

Suggested formula

| INCI breakdown | Origins | Properties |
|--|-----------------------|--------------------|
| Alcohol Denat. | Natural | Anti-bacterial |
| Aqua | Natural | Solvent |
| Glycerin | Plant based feedstock | Moisturizing agent |
| Aloe Barbadensis Leaf Juice | Organic aloe vera | Moisturizing agent |
| Betaine | Sugar Beet & Rapeseed | Moisturizing agent |
| Aminomethyl Propanol | Chemical synthesis | pH regulator |
| Tocopheryl Acetate | Chemical synthesis | Antioxidant |
| Acrylates/C10-30 Alkyl Acrylate Crosspolymer | Chemical synthesis | gelling agent |

Claims can be used

- ▶ Silky feeling with a natural extract
- ▶ Dry touch just in few seconds
- ▶ Sugar beet extract and glycerine reduces the drying effect of alcohol
- ▶ Long term moisturization with the help of sugar beet extract
- ▶ Effective protection against most common germs
- ▶ Aloe Vera Juice helps to moisturize
- ▶ Vitamin E Acetate as the best known antioxidant
- ▶ Flammable



Suitable packaging



- ▶ For more information please check the ingredient listing and marketing data sheet

70% Alcohol Spray Surface and Hand Sanitiser

Hero Ingredients

- ▶ Glycerine (plant based)
- ▶ 70% alcohol (NZ sourced) to kill most common germs

Suggested formula

| INCI breakdown | Origins | Properties |
|----------------|-----------------------|--------------------|
| Alcohol Denat. | Natural | Anti-bacterial |
| Aqua | Natural | Solvent |
| Glycerin | Plant based | Moisturizing agent |
| Betaine | Sugar Beet & Rapeseed | Moisturizing agent |

Claims can be used

- ▶ Silky feeling with a natural extract
- ▶ Dry touch just in few seconds
- ▶ Sugar beet extract and glycerine reduces the drying effect of alcohol
- ▶ Long term moisturization with the help of sugar beet extract if using as a hand sanitiser
- ▶ Effective protection against most common germs
- ▶ Flammable



Suitable packaging



- ▶ For more information please check the ingredient listing and marketing data sheet

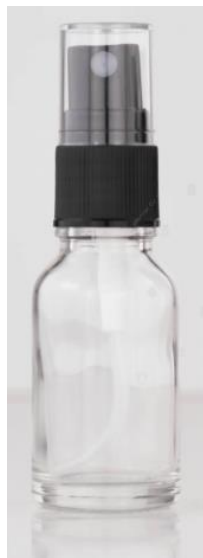
Lactic Acid Based Hand Sanitiser

Hero Ingredients

- ▶ Propanediol
- ▶ Sugar beet and rapeseed extract (betaine)
- ▶ Lactic acid to kill most common germs

Suggested formula

| INCI breakdown | Origins | Properties |
|-------------------------------------|-----------------------|--|
| Aqua | Natural | Solvent |
| Sodium Laureth Sulfate | Plant based feedstock | Surfactant |
| Propanediol | Plant based feedstock | Moisturizing agent & boosts preservation |
| Lactic Acid | Plant based feedstock | Anti-bacterial & pH regulator |
| Betaine | Sugar Beet & Rapeseed | Moisturizing agent |
| Phenoxyethanol & Ethylhexylglycerin | Chemical synthesis | Preservative |
| Sodium Phytate | Plant based feedstock | Chelating agent |



Claims can be used

- ▶ Silky feeling with a natural extract
- ▶ Alcohol-Free Hand Sanitiser
- ▶ Sugar beet extract reduce the drying effect of alcoholic based sanitisers
- ▶ Propanediol is a natural moisturizer and aids in preservative boosting
- ▶ Lactic acid is non-toxic to humans and the environment. It is also natural and made by fermentation process
- ▶ Lactic acid is approved as biocidal under EU regulations
- ▶ Kills 99.99% of the most common germs (According to EN 13727 proven test results can be send upon request)
- ▶ The packaging should have pictogram which indicates it is eye irritant in case of going into EU related countries. The label should indicate the precautions below

In case of 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



Suitable packaging

- ▶ For more information please check the ingredient listing and marketing data sheet

Benzalkonium Chloride Based Hand Sanitiser

Hero Ingredients

- ▶ Propanediol
- ▶ Benzalkonium Chloride to kill most common germs
- ▶ Witch-Hazel extract
- ▶ Manuka Oil

Suggested formula

| INCI breakdown | Origins | Properties |
|-------------------------------------|-----------------------|--|
| Aqua | Natural | Solvent |
| Propanediol | Plant based feedstock | Moisturizing agent & boosts preservation |
| Phenoxyethanol & Ethylhexylglycerin | Chemical synthesis | Preservative |
| Hamamelis Virginiana Water | Witch Hazel plant | Anti-inflammatory |
| Alcohol Denat. | Natural | Anti-bacterial |
| Benzalkonium Chloride | Chemical synthesis | Anti-bacterial |
| Tetrasodium edta | Chemical synthesis | Chelating agent |
| Leptospermum Petersonii Oil | Manuka Oil | Anti-bacterial |



Suitable packaging

- ▶ For more information please check the ingredient listing and marketing data sheet

Claims can be used

- ▶ Propanediol is a natural moisturizer and preservative-boosting
- ▶ Benzalkonium Chloride is approved as biocidal under EU and FDA regulations
- ▶ Kills 99.9999% of the most common germs (According to EN 13727 proven test results can be send upon request)
- ▶ Witch hazel helps to protect the skin with its well know anti-inflammatory properties
- ▶ Alcohol Denat. can be removed from the INCI listing in case of no-added oils and perfumes , Alcohol can be removed in case of removing witch hazel extract
- ▶ Manuka Oil is best known with its antibacterial activities

Sanitising Disinfectant

Hero Ingredients

- ▶ Benzalkonium Chloride to kill most common germs
- ▶ Witch-Hazel extract
- ▶ Glycerine

Suggested formula

| INCI breakdown | Origins | Properties |
|--|--------------------|--------------------|
| Aqua | Natural | Solvent |
| Glycerin | Plant based | Moisturizing agent |
| Hamamelis Virginiana Water & Alcohol | Witch Hazel plant | Anti-inflammatory |
| Didecyldimonium Chloride & Benzalkonium Chloride | Chemical synthesis | Anti-bacterial |

Claims can be used

- ▶ Glycerin is a natural moisturizer
- ▶ Benzalkonium Chloride is approved as biocidal under EU and FDA regulations
- ▶ Witch hazel helps to protect the skin with its well know anti-inflammatory properties

Suitable packaging



- ▶ For more information please check the ingredient listing and marketing data sheet

Antibacterial Hand Wash

Hero Ingredients

- ▶ Propanediol
- ▶ Sugar beet and rapeseed extract (betaine)
- ▶ Lactic acid to kill most common germs

Suggested formula

| INCI breakdown | Origins | Properties |
|------------------------|-----------------------|--|
| Aqua | Natural | Solvent |
| Sodium Laureth Sulfate | Plant based feedstock | Surfactant |
| Cocamidopropyl Betaine | Plant based feedstock | Surfactant |
| Glycerin | Natural | Moisturizing agent |
| Lactic Acid | Natural | Anti-bacterial & pH regulator |
| Sodium Lactate | Plant based feedstock | Moisturizing agent |
| Propanediol | Plant based feedstock | Moisturizing agent & boosts preservation |
| Phenoxyethanol | Synthetic | Preservative |
| Sodium Chloride | Natural | Viscosity increasing |
| Potassium Sorbate | Synthetic | Preservative |

Claims can be used

- ▶ Glycerin is a natural moisturizer
- ▶ Propanediol is a natural moisturizer and preservative-boosting
- ▶ Lactic acid is non-toxic to humans and the environment. It is also natural and made by fermentation process
- ▶ Lactic acid is approved as biocidal under EU regulations
- ▶ Antibacterial test is underway. The results are due 15.06.2020 (According to EN 13727)
- ▶ The packaging should have pictogram which indicates it is eye irritant in case of going into EU related countries. The label should indicate the precautions below



In case of 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



Suitable packaging

- ▶ For more information please check the ingredient listing and marketing data sheet