CLAIMS

1. A method of inhibiting microbial activity, the method comprising:

selecting a medium that is susceptible to H1N1 influenza contamination; and

contacting the medium with methylsulfonylmethane (MSM) at a concentration of about 6% to about 16% of weight by volume, thereby inhibiting H1N1 influenza microbial activity by reducing the growth rate of H1N1 present on or in the medium, or later coming into contact with the medium.

2. The method of claim 1, wherein the medium comprises a bodily fluid, a bodily tissue, or a surface.

3. The method of claim 1 or 2, wherein contacting the medium comprises spraying or wiping the medium susceptible to microbial contamination with MSM.

4. The method of claim 3, wherein the surface is a household surface, bedding, coverings, industrial equipment or surface, blood, skin or a combination thereof.

5. The method of any one of claims 1-4, wherein MSM is provided in a composition, wherein said composition is free of bleach or free alcohol or consists essentially of water.

6. The method of any one of claims 1-5, further comprising sterilizing the medium after adding said MSM.

7. The method of any one of claims 1-6, wherein said medium is free from preservatives.

8. The method of any one of claim 1-7, wherein the MSM inhibits the microbial activity by reducing growth rate of H1N1 influenza by at least 50% as compared to the growth rate of H1N1 influenza in the absence of added MSM.

CLAIMS

1. A method of inhibiting microbial activity, the method comprising:

selecting a medium that is susceptible to H1N1 influenza contamination; and

contacting the medium with methylsulfonylmethane (MSM) at a concentration of about 10% to about 16% of weight by volume, thereby inhibiting H1N1 influenza microbial activity.

2. The method of claim 1, wherein the medium comprises a bodily fluid, a bodily tissue, or a surface.

3. The method of claim 1 or 2, wherein contacting the medium comprises spraying or wiping the medium susceptible to microbial contamination with MSM.

4. The method of claim 3, wherein the surface is a household surface, bedding, coverings, industrial equipment or surface, blood, skin or a combination thereof.

5. The method of any one of claims 1-4, wherein MSM is provided in a composition, wherein said composition is free of bleach or free alcohol or consists essentially of water.

6. The method of any one of claims 1-5, further comprising sterilizing the medium after adding said MSM.

7. The method of any one of claims 1-6, wherein said medium is free from preservatives.

8. The method of any one of claim 1-7, wherein the MSM inhibits the microbial activity by reducing growth rate of H1N1 influenza by at least 50% as compared to the growth rate of H1N1 influenza in the absence of MSM.