

Autojanitor Bioflush

| | |
|---|---|
| Cinnamaldehyde | < 1 |
| CAS-No.: 104-55-2 | EC No.: |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) Xn;R21. Xi;R38. R43. |
| ETHANOL | 5-10% |
| CAS-No.: 64-17-5 | EC No.: 200-578-6 |
| Classification (EC 1272/2008) Flam. Liq. 2 - H225 | Classification (67/548/EEC) F;R11 |
| Eugenol | < 1 |
| CAS-No.: 97-53-0 | EC No.: 202-589-1 |
| Classification (EC 1272/2008) Not classified. | Classification (67/548/EEC) R43. |
| PROPAN-2-OL | 5-10% |
| CAS-No.: 67-63-0 | EC No.: 200-661-7 |
| Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT Single 3 - H336 | Classification (67/548/EEC) F;R11 Xi;R36 R67 |

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Move the patient to fresh air. Get medical attention if any discomfort continues.

Ingestion

Rinse mouth thoroughly. DO NOT INDUCE VOMITING! Get medical attention.

Skin Contact

Remove contaminated clothing. Wash contaminated clothing before reuse. Wash the skin immediately with soap and water. Contact physician if irritation continues.

Eye Contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

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

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Carbon dioxide (CO₂). Dry chemicals. Alcohol resistant foam. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

FLAMMABLE. Fire causes formation of toxic gases.

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5.3. Advice for firefighters

Protective Measures In Fire

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Spillages will make surfaces slippery.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 30°C. Store away from: Acids. Oxidising material. Protect from heat and direct sunlight. Avoid Freezing
Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

| Name | STD | TWA - 8 Hrs | | STEL - 15 Min | | Notes |
|-------------|-----|-------------|------------------------|---------------|------------------------|-------|
| | | | | | | |
| ETHANOL | WEL | 1000 ppm | 1920 mg/m ³ | | | |
| PROPAN-2-OL | WEL | 400 ppm | 999 mg/m ³ | 500 ppm | 1250 mg/m ³ | |

WEL = Workplace Exposure Limit.

Ingredient Comments

OES = Occupational Exposure Standard.

8.2. Exposure controls

Engineering Measures

No particular ventilation requirements.

Respiratory Equipment

Respiratory protection not required.

Hand Protection

Wash hands after handling the product.

Eye Protection

Avoid contact with eyes.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|--------------------------|----------------|
| Appearance | Liquid |
| Colour | Various |
| Odour | Characteristic |
| Relative Density | 0.993 |
| pH-Value, Conc. Solution | 4.5 |
| Viscosity | 11 mPas |
| Flash Point (°C) | 43°F |

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9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Avoid contact with oxidisers or reducing agents. Avoid frost.

10.5. Incompatible materials

Materials To Avoid

Strong acids. Strong oxidising substances.

10.6. Hazardous decomposition products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Inhalation

No specific health warnings noted.

Ingestion.

No specific health warnings noted.

Skin Contact

May cause sensitisation by skin contact. May cause irritation.

Eye Contact

Irritating and may cause redness and pain.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability:

The product is biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2 UN Proper shipping name

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14.3 Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

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

SECTION 15: REGULATORY INFORMATION

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). Control of Substances Hazardous to Health.

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply. British Aerosol Manufacturers Code of Practice 7th. Edition 1999

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

EU Legislation

Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

National Regulations

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

| | |
|---------------------------|---|
| SDS No. | 11849 |
| Safety Data Sheet Status | Approved. |
| Date | 28/08/2010 |
| Risk Phrases In Full | |
| R11 | Highly flammable. |
| R21 | Harmful in contact with skin. |
| R22 | Harmful if swallowed. |
| R36 | Irritating to eyes. |
| R38 | Irritating to skin. |
| R41 | Risk of serious damage to eyes. |
| R43 | May cause sensitisation by skin contact. |
| R67 | Vapours may cause drowsiness and dizziness. |
| Hazard Statements In Full | |
| H225 | Highly flammable liquid and vapour. |
| H319 | Causes serious eye irritation. |
| H336 | May cause drowsiness or dizziness. |

Disclaimer

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