

Safety Data Sheet FLOR™

SECTION 1: Identification

1.1 Product identifier

Product name Flor™

1.2 Other means of identification

Not applicable

1.3 Recommended use of the chemical and restrictions on use

For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

1.4 Supplier's details

Name PURTEQ Inc.
Address 825 Valleybrook Dr.
Memphis, TN 38120
USA

Telephone 1-844-478-7837
Email info@purteq.com

1.5 Emergency phone number(s) (800)-535-5053

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Hazards not otherwise classified (HNOC)

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

This product is a buffered and preserved aqueous solution containing surfactants, builders, stabilized enzymes, and naturally-occurring viable bacterial cultures.

Hazardous components

Component	Concentration
1,2-Benzisothiazolin-3-one (CAS no.: 2634-33-5)	<0.1% (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled	No first-aid measures are normally required. Remove to fresh air and promote deep breathing. Get medical attention if effects persist.
In case of skin contact	No first-aid measures are normally required. Remove contaminated clothing. Wash with plenty of water for several minutes. Get medical attention if irritation or rash develops or persists.
In case of eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention.
If swallowed	Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor if you feel unwell.

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Not expected to present a significant hazard under anticipated conditions of normal use.

If inhaled	No known adverse effects.
In case of skin contact	No adverse effects are normally expected. May cause an allergic skin reaction in highly susceptible individuals. Signs/symptoms may include localized redness, itching, rash, and hives.
In case of eye contact	No known adverse effects.
If swallowed	Not a likely route of exposure. No known adverse effects.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use extinguishing media appropriate for surrounding fire.

5.2 Specific hazards arising from the chemical

This product is not considered flammable.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

No data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas. Avoid contact with eyes, skin and clothing. For personal protective equipment see Section 8.

6.2 Environmental precautions

No special precautions.

6.3 Methods and materials for containment and cleaning up

Dispose in accordance with applicable Federal, State and local laws and regulations.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Wash hands and other exposed areas with water before eating, drinking or smoking and when leaving work. Avoid contact with eyes and prolonged contact with skin and clothing. Avoid prolonged breathing vapors, mist, spray.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep away from direct sunlight, extremely high or low temperatures and incompatible materials. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Incompatible products

Strong acids and alkalis, and strong oxidizing agents may react with product and de-nature stable enzymes and inactivate bacterial cultures.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No applicable occupational exposure limits.

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits. Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure all national/local regulations are observed.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

None required for consumer use. If splashes are likely to occur, wear safety glasses.

Skin protection

None required for consumer use. Repeated or prolonged contact: Wear protective gloves and protective clothing.

Body protection

Wear suitable protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Provide good ventilation. No protective equipment is needed under normal use conditions. Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Thermal hazards

No data available.

Environmental exposure controls

Do not release into the environment.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Liquid.
Odor	Fresh fragrance.
Odor threshold	No data available.
pH	No data available.
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	None.
Evaporation rate	No data available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	Dispersible in water.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.
VOC Content (%)	Negligible

Other safety information

No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Non-reactive under normal use conditions.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4 Conditions to avoid

Extremely high or low temperatures, and incompatible materials.

10.5 Incompatible materials

Strong acids and alkalis, and strong oxidizing agents may react with product and de-nature stable enzymes and inactivate bacterial cultures.

10.6 Hazardous decomposition products

None expected under normal conditions of use.

SECTION 11: Toxicological information

Information on toxicological effects

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.

Not expected to present a significant hazard under anticipated conditions of normal use.

If inhaled No known adverse effects.

In case of skin contact No adverse effects are normally expected. May cause an allergic skin reaction in highly susceptible individuals. Signs/symptoms may include localized redness, itching, rash, and hives.

In case of eye contact No known adverse effects.

If swallowed Not a likely route of exposure. No known adverse effects.

Acute toxicity

No data available.

Skin corrosion/irritation

No data available.

Serious eye damage/irritation

No data available.

Respiratory or skin sensitization

May cause an allergic skin reaction in highly susceptible individuals.

Germ cell mutagenicity

No data available.

Carcinogenicity

Contains no ingredient listed as a carcinogen.

Reproductive toxicity

No data available.

STOT-single exposure

No data available.

STOT-repeated exposure

No data available.

Aspiration hazard

No data available.

SECTION 12: Ecological information

Toxicity

No data available on product.

Persistence and degradability

No data available on product.

Bioaccumulative potential

No data available on product.

Mobility in soil

No data available on product.

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects

This product is not expected to be dangerous to the environment with respect to mobility, persistency and biodegradability, bio-accumulative potential, aquatic toxicity, and other data related to eco-toxicity.

SECTION 13: Disposal considerations

Disposal of the product

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

Disposal of contaminated packaging

Dispose of as unused product.

SECTION 14: Transport information

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

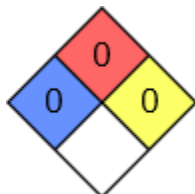
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

FLOR™	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

NFPA Rating



SECTION 16: Other information

16.1 Further information/disclaimer

Date of issue: July 12, 2021.

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.