



SAFETY DATA SHEET

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Sterling Teal International
112 Capitol Trail
Newark DE 19711

1. IDENTIFICATION

PRODUCT NAME: K29 SCENTSTONE - WILDBERRY

DESCRIPTION: The ScentStones consist of a porous clay ceramic disc that has been impregnated with a liquid fragrance. All of the fragrance is contained within the ceramic disc. The fragrance is a complex mixture of fragrance materials. All of the components in this fragrance have been approved by either the Flavor and Extract Association (F.E.M.A) for use in foods, or the Research Institute for Fragrance Materials (R.I.F.M) for the use in cosmetics, or both. They do not contain any carcinogenic, teratogenic, or mutagenic chemicals.

INGREDIENTS: The specific chemical identities of the ingredients of this mixture are considered by Sterling Teal to be Trade Secrets and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the code of Federal Regulations. All of the ingredients are listed on the TSCA inventory.

EMERGENCY RESPONSE (609) 510-7172 (609) 510-2654 (609) 695-7710

2. HAZARD IDENTIFICATION

CONTACT: May lead to mild eye or skin irritation. None of the ingredients are listed as known carcinogens. Based on health hazard determinations of ingredients present at concentrations of more than 1%, this mixture presents no known health hazards.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CERAMIC: The ceramic disc is comprised of ball clay and kaolin. These clay materials are comprised primarily of aluminum oxide and silicon dioxide. The powder mixture is processed and densified in a kiln resulting in no free powder. There is no free dust so that the powder cannot be ingested or inhaled.

FRAGRANCE:

The fragrance liquid is completely contained within the porous ceramic disc. The fragrance is comprised of Benzaldehyde (CAS no.) 100-52-7, Pentanediol (CAS no.) 107-41-5, Butanone (CAS no.) 5471-51-2, Vanillin (CAS no.) 121-33-5, Ethyl acetate (CAS no.) 141-78-6, Methyl benzoate (CAS no.) 93-58-3, n-Amyl acetate (CAS no.) 628-63-7, Butanedione (CAS no.) 431-03-8, Acetic acid (CAS no.) 64-19-7, Formic acid (CAS no.) 64-18-6, Propanoic acid (CAS no.) 79-09-4, Methyl ketone (CAS no.) 110-43-0, Acetaldehyde (CAS no.) 75-07-0, Ethyl alcohol (CAS no.) 64-17-5, Dimethyl sulfide (CAS no.) 75-18-3, Benzyl acetate (CAS no.) 140-11-4.

4. FIRST AID MEASURES

EYE CONTACT:

Flush eyes immediately with large quantities of water for at least 15 minutes; obtain medical advice if irritation persists.

SKIN CONTACT:

Wash affected area with soap and water. If irritation persists, obtain medical advice.

INGESTION:

If swallowed, rinse mouth first, then drink plenty of milk or water to dilute. Do not induce vomiting. Call a poison center/doctor/physician if you feel unwell.

INHALATION:

Remove from the exposure to fresh air and keep comfortable for breathing.

5. FIRE - FIGHTING MEASURES

FLASHPOINT (CLOSED CUP):

NA

EXTINGUISHING MEDIA:

Carbon dioxide. Dry powder. Foam.

COMBUSTION PRODUCTS:

This mixture is not flammable and does not support fire

UNUSUAL FIRE OR EXPLOSION HAZARDS:

Will not burn. Not explosive.

6. ACCIDENTAL RELEASE MEASURES

Not Applicable

7. HANDLING AND STORAGE

SPILLS & CLEAN UP:

NA

STORAGE:

Store unopened package in a cool area away from any heat source. When the package is opened it is recommended that the Scentstone remain in the package. If it is removed from the package do not allow direct contact with plastic, wood or leather as the fragrance fumes may react with these materials causing damage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Benzaldehyde	(CAS No) 100-52-7		
2,4-Pentanediol, 2-methyl- substance with OEL values	(CAS No) 107-41-5		
2-Butanone, 4-(4-hydroxyphenyl)-	(CAS No) 5471-51-2		
Vanillin	(CAS No) 121-33-5		
Ethyl acetate substance with OEL values	(CAS No) 141-78-6		
Methyl benzoate	(CAS No) 93-58-3		
n-Amyl acetate substance with OEL values	(CAS No) 628-63-7		
2,3-Butanedione substance with OEL values	(CAS No) 431-03-8		
Acetic acid substance with OEL values	(CAS No) 64-19-7		
Formic acid substance with OEL values	(CAS No) 64-18-6		
Propanoic acid substance with OEL values	(CAS No) 79-09-4		
Methyl n-amyl ketone substance with OEL values	(CAS No) 110-43-0		
Acetaldehyde substance with OEL values	(CAS No) 75-07-0		
Ethyl alcohol substance with OEL values	(CAS No) 64-17-5		
Dimethyl sulfide substance with OEL values	(CAS No) 75-18-3		
Benzyl acetate substance with OEL values	(CAS No) 140-11-4		

EYE PROTECTION: None required.

SKIN PROTECTION: Wash hands after handling.

RESPIRATORY: None required

VENTILATION: General ventilation is adequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

SPECIFIC GRAVITY: NA

SOLUBILITY IN WATER: Insoluble

FORM: Clear liquid absorbed into a ceramic block

COLOR: Varies with product fragrance

ODOR: Varies with product fragrance

10. STABILITY AND REACTIVITY

This product presents no significant reactivity hazard. Hazardous polymerization will not occur. Normally stable even at elevated temperatures and pressures. Not pyrophoric or reactive with water. Does not undergo explosive decomposition, is shock stable, and is not an oxidizer. Does not form explosive mixtures with other organic materials. AVOID STRONG OXIDIZING AGENTS.

11. TOXICOLOGICAL INFORMATION

Benzaldehyde (100-52-7)	
LD50 oral rat	1292 mg/kg
LD50 dermal rabbit	1250 mg/kg
ATE US (oral)	1292.000 mg/kg body weight
ATE US (dermal)	1250.000 mg/kg body weight
Ethyl acetate (141-78-6)	
LD50 oral rat	5620 mg/kg
LD50 dermal rabbit	>18000 mg/kg
ATE US (oral)	5620.000 mg/kg body weight
Methyl benzoate (93-58-3)	
LD50 oral rat	1177 mg/kg
ATE US (oral)	1177.000 mg/kg body weight
Butanone (5471-51-2)	
LD50 oral rat	1320 mg/kg
ATE US (oral)	1320.000 mg/kg body weight
Vanillin (121-33-5)	
LD50 oral rat	1580 mg/kg
LD50 dermal rabbit	➤ 5010 mg/kg
ATE US (oral)	1580.000 mg/kg
Pentanediol (107-41-5)	
LD50 oral rat	3700 mg/kg
LC50 inhalation rat (mg/l)	➤ 310 mg/m ³ (exposure time: 1 h)

ATE US (oral)	3700.000 mg/kg body weight
Dimethyl sulfide (75-18-3)	
LD50 oral rat	535 mg/kg
LD50 dermal rabbit	➤ 5000 mg/kg
LC50 inhalation rat (ppm)	40250 ppm/4h
ATE US (oral)	535.000 mg/kg body weight
ATE US (gases)	40250.000 ppmV/4h
Acetic acid (64-19-7)	
LD50 oral rat	3310 mg/kg
LD50 dermal rabbit	1060 mg/kg
LC50 inhalation rat (mg/l)	11.4 mg/l/4h
ATE US (oral)	3310.000 mg/kg body weight
ATE US (dermal)	1060.000 mg/kg body weight
ATE US (vapors)	11.400 mg/l/4h
ATE US (dust, mist)	11.400 mg/l/4h
Acetaldehyde (75-07-0)	
LD50 oral rat	660 mg/kg
LC50 inhalation rat (ppm)	13000 ppm/4h
ATE US (oral)	660.000 mg/kg body weight
ATE US (gases)	13000.000 ppmV/4h
Ethyl alcohol (64-17-5)	
LD50 oral rat	7060 mg/kg
LC50 inhalation rat (mg/l)	124.7 mg/l/4h
ATE US (oral)	7060.000 mg/kg body weight
ATE US (vapors)	124.700 mg/l/4h
ATE US (dust, mist)	124.700 mg/l/4h
Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg
LD50 dermal rabbit	➤ 5000 mg/kg
ATE US (oral)	2490.000 mg/kg body weight
Butanedione (431-03-8)	
LD50 oral rat	1580 mg/kg
LD50 dermal rabbit	➤ 5000 mg/kg

LC50 inhalation rat (ppm)	330 ppm/4h
ATE US (oral)	1580.000 mg/kg body weight
ATE US (gases)	300.00 ppmV/4h
Formic acid (64-18-6)	
Ld50 oral rat	1100 mg/kg
ATE US (oral)	1100.000 mg/kg body weight
Methyl ketone (110-43-0)	
LD50 oral rat	1600 mg/kg
LD50 dermal rabbit	12.6 ml/kg
LC50 inhalation rat (ppm)	➤ 2000 ppm/4h
ATE US (oral)	1600.000 mg/kg body weight
Propanoic acid (79-09-4)	
LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	496 mg/kg
LC50 inhalation rat (ppm)	4650 ppm (exposure time: 8h)
ATE US (oral)	2600.000 mg/kg body weight
ATE US (dermal)	496.000 mg/kg body weight

12. ECOLOGICAL INFORMATION

Benzaldehyde (100-52-7)	
LC50 fish 1	11 mg/l (exposure time: 96h)
LC50 fish 2	12.69 mg/l (exposure time: 96h)
Ethyl acetate (141-78-6)	
LC50 fish 1	235 mg/l (exposure time: 96h)
EC50 daphnia 1	560 mg/l (exposure time: 48h)
LC50 fish 2	484 mg/l (exposure time: 96h)
Vanillin (121-33-5)	
LD50 fish 1	57 mg/l (exposure time: 96h)
LC50 fish 2	88 mg/l (exposure time: 96h)
NOEC (acute)	10000 mg/kg (exposure time: 42 days)

Penanediol (107-41-5)	
LC50 fish 1	10700 mg/l (exposure time: 96h)
EC50 daphnia 1	3200 mg/l (exposure time: 48h)
LC50 fish 2	10000 mg/l (exposure time:96h)
N-Amyl acetate (628-63-7)	
LC50 fish 1	650 mg/l (exposure time:96h)
Dimethyl sulfide (75-18-3)	
EC50 Daphnia 1	23 mg/l (exposure time:48h)
Acetic acid (64-19-7)	
LC50 fish 1	79 mg/l (exposure time:96h)
EC50 daphnia 1	65 mg/l (exposure time:48h)
LC50 fish 2	75 mg/l (exposure time:96h)
Acetaldehyde (75-07-0)	
LC50 fish 1	31 mg/l (exposure time:96h)
EC50 Daphnia 1	5.075 mg/l (exposure time:48h)
LC50 fish 2	53 mg/l (exposure time:96h)
EC50 daphnia 2	48.3 mg/l (exposure time:48h)

13. DISPOSAL CONSIDERATIONS

The product can be disposed in regular trash or refuse containers. Dispose in accordance with local and national regulations.

14. TRANSPORT INFORMATION

The product should be transported in the packaging materials provided by Sterling Teal, and should be transported by typical ground freight carriers in accordance with DOT.

15. REGULATORY INFORMATION

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the

applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

16. OTHER INFORMATION

PREPARED BY STERLING TEAL INTERNATIONAL DATE 05/20/2016

SDS is according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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