

Safety Data Sheet

OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07.

Date of issue: 04/08/2026

Reviewed on 04/03/2026

1 Identification

- **Product identifier**
- **Trade name: Refresh Pacific Sands**
- **Other means of identification**
- **Product number: 7400-A1030**
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Product Description: Smoke Odor Eliminator**
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Smell Away Solutions LLC
7500 W 151st Street № 23398
Overland Park, KS 66223-9998
Customer Service: 913-244-5752
- **Emergency telephone number: Infotrac: US & Canada: 1-800-535-5053 | International 1-352-323-3500**

2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS08 Health hazard

Reproductive toxicity 1B

H360 May damage fertility or the unborn child.

Specific target organ toxicity (single exposure) 2 H371 May cause damage to organs.



GHS07

Eye irritation 2A

H319 Causes serious eye irritation.

Sensitization - skin 1

H317 May cause an allergic skin reaction.

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**
sodium alpha-dodecan-1-yl-omega-(sulfonatooxy)poly(oxyethylene)
P-T-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE
Tetramethyl Acetyloctahydronaphthalenes
HEXYL CINNAMAL
DL-CITRONELLOL
- **Hazard statements**
Causes serious eye irritation.
May cause an allergic skin reaction.
May damage fertility or the unborn child.
May cause damage to organs.

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Precautionary statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If exposed or concerned: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

0 % of the mixture consists of component(s) of unknown toxicity.

Information pertaining to particular dangers for man and environment:

Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

NFPA ratings (scale 0 - 4)



Health = 2

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



HEALTH 2 Health = *2

FIRE 0 Fire = 0

REACTIVITY 0 Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified (HNOC)

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

3 Composition/information on ingredients

Chemical characterization: Mixtures

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components:

CAS: 9004-82-4	sodium alpha-dodecan-1-yl-omega-(sulfonatooxy)poly(oxyethylene)	≥1–≤5%
	☠ Specific target organ toxicity (single exposure) 2, H371; Aspiration hazard 1, H304; ⚠ Acute toxicity - oral 4, H302; Skin irritation 2, H315; Eye irritation 2A, H319	

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CAS: 68439-46-3	Alcohols, C9-11, ethoxylated (CAS 68439-46-3) ⚠ Eye damage 1, H318; ⚠ Acute toxicity - oral 4, H302; Acute toxicity - dermal 4, H312	≥1–<3%
CAS: 54464-57-2	Tetramethyl Acetyloctahydronaphthalenes ⚠ Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1–<1%
CAS: 80-54-6	P-T-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE ⚠ Reproductive toxicity 1B, H360; Flammable liquids 4, H227	0.1–1%
CAS: 101-86-0	HEXYL CINNAMAL ⚠ Skin irritation 2, H315; Sensitization - skin 1, H317	≥0.1–<1%
CAS: 106-22-9 RTECS: RH 3400000	DL-CITRONELLOL ⚠ Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317	≥0.1–<1%

· **Additional information:**

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

4 First-aid measures

· **Description of first aid measures**

· **General information:** Immediately remove any clothing soiled by the product.

· **After inhalation:**

If irritation occurs, consult a doctor.

In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

· **After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

If eye irritation occurs, consult a doctor.

If easy to do so, remove contact lenses if worn.

· **After swallowing:** If swallowed and symptoms occur, consult a doctor.

· **Most important symptoms and effects, both acute and delayed** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed** Treat symptomatically.

5 Fire-fighting measures

· **Extinguishing media**

· **Suitable extinguishing agents:**

Use fire fighting measures that suit the environment.

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

· **For safety reasons unsuitable extinguishing agents:** No further relevant information.

· **Special hazards arising from the substance or mixture**

During heating or in case of fire poisonous gases are produced.

· **Advice for firefighters**

· **Protective equipment:**

Mouth respiratory protective device.

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures

· **Personal precautions, protective equipment and emergency procedures** Mount respiratory protective device.

· **Environmental precautions:**

Dilute with plenty of water.

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Do not allow to enter sewers / surface or ground water.

· **Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

· **Protective Action Criteria for Chemicals**

Protective Action Criteria (PACs) are essential components for planning and response to uncontrolled releases of hazardous chemicals.

· **PAC-1:**

PAC 1: Mild, transient health effects.

64-17-5	ALCOHOL SDA 40B	1800? ppm
120-51-4	Benzyl Benzoate	5.1 mg/m ³
91-64-5	Coumarin	0.88 mg/m ³

· **PAC-2:**

PAC 2: Irreversible or other serious health effects that could impair the ability to take protective action.

64-17-5	ALCOHOL SDA 40B	3300?* ppm
120-51-4	Benzyl Benzoate	56 mg/m ³
91-64-5	Coumarin	9.7 mg/m ³

· **PAC-3:**

PAC 3: Life-threatening health effects.

64-17-5	ALCOHOL SDA 40B	15,000 ppm
120-51-4	Benzyl Benzoate	340 mg/m ³
91-64-5	Coumarin	58 mg/m ³

· **Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· **Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· **Information about protection against explosions and fires:** Keep respiratory protective device available.

· **Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:** No special requirements.

· **Information about storage in one common storage facility:** Not required

· **Further information about storage conditions:** Keep receptacle tightly sealed.

· **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

· **Control parameters**

· **Components with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **Additional information:** The lists that were valid during the creation of this SDS were used as basis.

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· Exposure controls

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.

· **Appropriate engineering controls** No further data; see section 7.

· Personal protective equipment:

· General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

· Protection of hands:



Protective gloves

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

· Limitation and supervision of exposure into the environment

Keep away from drains, surface and ground waters.

Avoid release into the environment.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state

Liquid

· Color:

Opaque White

· Odor:

Fragrant

· Odor threshold:

Not determined

· Melting point/Melting range:

Undetermined

· Boiling point/Boiling range:

100 °C (212 °F)

· Flammability:

Not applicable

· Explosion limits:

· Lower:

Not determined

· Upper:

Not determined

· Flash point:

Not applicable

· Decomposition temperature:

Not determined

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· pH-value at 20 °C (68 °F):	7.5–8.5
· Viscosity:	
· Kinematic:	Not determined
· Dynamic:	Not determined
· Solubility in / Miscibility with	
· Water:	Fully miscible.
· Partition coefficient (n-octanol/water):	Not determined
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)
· Density at 20 °C (68 °F):	1.00051–1.00093 g/cm ³ (8.34926–8.35276 lbs/gal)
· Relative density	Not determined
· Bulk density:	1,001 kg/m ³
· Vapor density	Not determined
· Particle characteristics	Not applicable
· Other information	
· Appearance:	
· Form:	Liquid
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Solvent content:	
· Organic solvents:	≥0.5–<1 %
· VOC content:	≥0.59–<1.07 % 10.7 g/l / 0.09 lb/gal
· Change in condition	
· Oxidizing properties	None
· Evaporation rate	Not determined

10 Stability and reactivity

- **Reactivity**
The product is stable under normal conditions.
No further relevant information available.
- **Chemical stability** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:**
Strong oxidizing agents.
Strong acids
Reducing agents.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

· LD/LC50 values that are relevant for classification:		
ATE (Acute Toxicity Estimate)		
Oral	LD50	>13,132–≤15,011 mg/kg
Dermal	LD50	70,371–77,971 mg/kg (Rabbit)

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68439-46-3 Alcohols, C9-11, ethoxylated (CAS 68439-46-3)		
Oral	LD50	2,000 mg/kg (Rat)
Dermal	LD50	2,000–2,216 mg/kg (Rabbit)
106-22-9 DL-CITRONELLOL		
Oral	LD50	3,450 mg/kg (Rat)
Dermal	LD50	2,650 mg/kg (Rabbit)

- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant
- **Interactive effects** No interactive effects between components are known.
- **Carcinogenic categories**
- **IARC (International Agency for Research on Cancer)**
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

91-64-5	Coumarin	3
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- **NTP (National Toxicology Program)**
None of the ingredients is listed.
- **OSHA-Ca (Occupational Safety & Health Administration)**
None of the ingredients is listed.
- **Alternative sources for toxicological information** No non-standard sources for toxicological information were used.

12 Ecological information

- **Toxicity**

· Aquatic toxicity:	
54464-57-2 Tetramethyl Acetyloctahydronaphthalenes	
EC50	2.6 mg/kg (Green algae)
106-22-9 DL-CITRONELLOL	
EC50	2.4 mg/kg (algae)
	17 mg/kg (daphnia)

- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **Other adverse effects**
- **Additional ecological information:**
- **General notes:**
Water hazard class 3 (Self-assessment): extremely hazardous for water
Do not allow product to reach ground water, water course or sewage system, even in small quantities.

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Danger to drinking water if even extremely small quantities leak into the ground.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

- **UN-Number**

- **DOT, IMDG, IATA** Non-Regulated Material

- **UN proper shipping name**

- **DOT, IMDG, IATA** Non-Regulated Material

- **Transport hazard class(es)**

- **DOT, ADN, IMDG, IATA**

- **Class** Non-Regulated Material

- **Packing group**

- **DOT, IMDG, IATA** Non-Regulated Material

- **Environmental hazards:**

- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable

- **Special precautions for user** Not applicable

- **UN "Model Regulation":** Non-Regulated Material

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

No further relevant information available.

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

- **Section 313 (Specific toxic chemical listings):**

1222-05-5 Hexamethylindanopyran

- **TSCA (Toxic Substances Control Act):**

7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
9004-82-4	sodium alpha-dodecan-1-yl-omega-(sulfonatoxy)poly(oxyethylene)	ACTIVE
68439-46-3	Alcohols, C9-11, ethoxylated (CAS 68439-46-3)	ACTIVE
64-17-5	ALCOHOL SDA 40B	64-17-5
54464-57-2	Tetramethyl Acetyloctahydronaphthalenes	ACTIVE
5413-60-5	TRICYCLODECENYL ACETATE	ACTIVE
80-54-6	P-T-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE	ACTIVE
101-86-0	HEXYL CINNAMAL	ACTIVE
120-51-4	Benzyl Benzoate	ACTIVE
1222-05-5	Hexamethylindanopyran	ACTIVE

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17511-60-3	TRICYCLODECENYL PROPIONATE	ACTIVE
106-22-9	DL-CITRONELLOL	ACTIVE
24851-98-7	METHYL DIHYDROJASMONATE	ACTIVE
87-20-7	ISOAMYL SALICYLATE	ACTIVE
6259-76-3	HEXYL SALICYLATE	ACTIVE
78-69-3	TETRAHYDROLINALOOL	ACTIVE
2634-33-5	1,2-benzisothiazol-3(2H)-one	ACTIVE
106-24-1	Geraniol	ACTIVE
18479-58-8	DIHYDROMYRCENOL	ACTIVE
93-04-9	BETA-NAPHTHYL METHYL ETHER	ACTIVE
142-19-8	allyl heptanoate	ACTIVE
91-64-5	Coumarin	ACTIVE
78-70-6	Linalool	ACTIVE
115-95-7	Linalyl Acetate	ACTIVE
8008-26-2	Lime oil	ACTIVE
33704-61-9	6,7-Dihydro-1,1,2,3,3-pentamethyl-4(5H)-indanone	ACTIVE
81782-77-6	4-methyl-3-decen-5-ol	ACTIVE
1335-46-2	METHYL IONONE (MIXTURE OF ISOMERS)	ACTIVE
24720-09-0	(E)-1-(2,6,6-TRIMETHYL-2-CYCLOHEXEN-1-YL)-2-BUTEN-1-ONE	ACTIVE
32210-23-4	4-TERT-BUTYLCYCLOHEXYL ACETATE	ACTIVE

· **Hazardous Air Pollutants**

None of the ingredients is listed.

· **Proposition 65**

· **Chemicals known to cause cancer:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

· **New Jersey Right-to-Know List:**

None of the ingredients is listed.

· **New Jersey Special Hazardous Substance List:**

None of the ingredients is listed.

· **Pennsylvania Right-to-Know List:**

64-17-5 ALCOHOL SDA 40B

· **Pennsylvania Special Hazardous Substance List:**

None of the ingredients is listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

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· TLV (Threshold Limit Value)
None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients is listed.

- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms**



GHS07 GHS08

- **Signal word** Danger

- **Hazard-determining components of labeling:**

sodium alpha-dodecan-1-yl-omega-(sulfonatooxy)poly(oxyethylene)

P-T-BUTYL-ALPHA-METHYLHYDROCINNAMIC ALDEHYDE

Tetramethyl Acetyloctahydronaphthalenes

HEXYL CINNAMAL

DL-CITRONELLOL

- **Hazard statements**

Causes serious eye irritation.

May cause an allergic skin reaction.

May damage fertility or the unborn child.

May cause damage to organs.

- **Precautionary statements**

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe dust/fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

If on skin: Wash with plenty of water.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF exposed or concerned: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

If eye irritation persists: Get medical advice/attention.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

- **SDS created by:** Access GHS, LLC - 888-363-4870 - Team@access-ghs-sds.com

- **Date of previous version** 08/24/2023

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· **Version number of previous version:** 1· **Date of preparation** 04/08/2026· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Flammable liquids 4: Flammable liquids – Category 4

Acute toxicity - oral 4: Acute toxicity – Category 4

Skin irritation 2: Skin corrosion/irritation – Category 2

Eye damage 1: Serious eye damage/eye irritation – Category 1

Eye irritation 2A: Serious eye damage/eye irritation – Category 2A

Sensitization - skin 1: Skin sensitisation – Category 1

Reproductive toxicity 1B: Reproductive toxicity – Category 1B

Specific target organ toxicity (single exposure) 2: Specific target organ toxicity (single exposure) – Category 2

Aspiration hazard 1: Aspiration hazard – Category 1