

SAFETY DATA SHEET



Issuing Date: 20-Sep-2016

Revision Date: 20-Sep-2016

Version 1

1. IDENTIFICATION

Product Name SPRING BREEZE 2012C

Product Identifier 96290698_FANDF_NG

Product Type: Intermediate

Recommended Use Fragrance for a consumer product.

Product Category Unpackaged Bulk Product. This Safety Data Sheet must not be used for Packaged Consumer Product.

Details of the supplier of the safety data sheet P&G Manufacturing Co.
100 Essex Avenue East
Avenel, NJ 07001

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Emergency Telephone Transportation (24 HR)
CHEMTREC - 1-800-424-9300
(U.S./ Canada) or 1-703-527-3887
Mexico toll free in country: 800-681-9531

2. HAZARD IDENTIFICATION

This product is classified under 29CFR 1910.1200(d) and the Canadian Hazardous Products Regulation as follows:.

Skin corrosion/irritation Category 2
Eye Damage / Irritation Category 2
Skin sensitization Category 1A

Signal Word WARNING

Hazard Statements Causes skin irritation
Causes serious eye irritation
May cause an allergic skin reaction

Hazard pictograms



Precautionary Statements Wash hands thoroughly after handling
Wear protective gloves and protective clothing
Wear protective gloves

Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Take off contaminated clothing and wash before re-use

Precautionary Statements - Storage None

Precautionary Statements - Disposal None

Hazards not otherwise classified (HNOC) None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients are listed according to 29CFR 1910.1200 Appendix D and the Canadian Hazardous Products Regulation

Chemical Name	Synonyms	Trade Secret	CAS-No	Weight %
Tetramethyl Acetyloctahydronaphthalenes	Tetramethyl Acetyloctahydronaphthalenes	No	54464-57-2	15 - 20
Alpha-Isomethyl Ionone	3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-	No	127-51-5	10 - 15
Pentamethylheptenone	3,4,5,6,6-Pentamethylhept-3-en-2-one	No	81786-74-5	5 - 10
Isobutyl Methyl Tetrahydropyranol	2H-Pyran-4-ol, tetrahydro-4-methyl-2-(2-methylpropyl)-	No	63500-71-0	5 - 10
Phenethyl alcohol	Phenethyl Alcohol	No	60-12-8	5 - 10
2,6-Dimethyl-7-Octen-2-ol	2,6-Dimethyl-7-octen-2-ol	No	18479-58-8	5 - 10
Methyl Ionone	Ionone, methyl-	No	1335-46-2	1 - 5
Hexyl Cinnamal	Octanal, 2-(phenylmethylene)-	No	101-86-0	1 - 5
Terpineol	Terpineol	No	8000-41-7	1 - 5
Methyl Ionone	alpha-N-Methyl Ionone	No	127-42-4	1 - 5
Hexyl salicylate	Benzoic acid, 2-hydroxy-, hexyl ester	No	6259-76-3	1 - 5
Limonene	Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	No	5989-27-5	1 - 5
Amyl salicylate	Benzoic acid, 2-hydroxy-, pentyl ester	No	2050-08-0	1 - 5
Benzyl Acetate	Acetic acid, phenylmethyl ester	No	140-11-4	1 - 5
Geraniol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2E)-	No	106-24-1	0.5 - 1.5
Lavandula Hybrida Grosso Herb Oil	Lavandin Grosso	No	8022-15-9	0.5 - 1.5
Nerol	2,6-Octadien-1-ol, 3,7-dimethyl-, (2Z)-	No	106-25-2	0.1 - 1.0
Isoeugenol	Phenol, 2-methoxy-4-(1-propen-1-yl)-	No	97-54-1	0.1 - 1.0
Dimethylcyclohexenyl 3-Butenyl Ketone	4-Penten-1-one, 1-(5,5-dimethyl-1-cyclohexen-1-yl)-	No	56973-85-4	0.1 - 1.0

Methylcyclopentadecenone	delta-Muscenone	No	63314-79-4	0.1 - 1.0
1h-Indene-Ar-Propanal, 2,3-Dihydro-1,1-Dimethyl	2,3-Dihydro-1,1-Dimethyl -1H-indene-Ar-p+	No	300371-33-9	0.1 - 1.0

4. FIRST AID MEASURES

First aid measures for different exposure routes

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Immediately call a POISON CENTER or doctor/physician.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.
Ingestion	IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. IF exposed or concerned: Get medical advice/attention.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF exposed or concerned: Get medical advice/attention. Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
Most important symptoms/effects, acute and delayed	May cause eye irritation. MAY CAUSE SKIN IRRITATION. May cause sensitization by skin contact.

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

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Dry chemical. Alcohol-resistant foam. Water. Carbon dioxide (CO ₂).
Unsuitable Extinguishing Media	Water.
Special hazard	Containers may explode when heated. Keep containers and surroundings cool with water spray.
Special protective equipment for fire-fighters	Dike fire-control water for later disposal. Fight fire with normal precautions from a reasonable distance.
Specific hazards arising from the chemical	None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective gloves/protective clothing and eye/face protection. Avoid contact with skin, eyes and inhalation of vapors.
Advice for emergency responders	In the case of vapor formation use a respirator with an approved filter.
Environmental precautions	Should not be released into the environment

Methods and materials for containment and cleaning up

Methods for containment Contain spill. The product should not be allowed to enter drains, water courses or the soil.

Methods for cleaning up Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible products None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	CAS-No	ACGIH TLV	OSHA PEL	Mexico PEL
Benzyl Acetate	140-11-4	TWA: 10 ppm		

Chemical Name	CAS-No	Alberta	Quebec	Ontario TWAEV	British Columbia
Benzyl Acetate	140-11-4	TWA: 10 ppm TWA: 61 mg/m ³		TWA: 10 ppm	TWA: 10 ppm

No relevant exposure guidelines for other ingredients

Exposure controls

Engineering Measures No information available

Personal Protective Equipment

Eye Protection

Manufacturing Sites:

Wear safety glasses with side shields (or goggles)

Distribution, Workplace and Household Settings:

No special protective equipment required

Hand Protection

Manufacturing Sites:

Wear protective natural rubber, nitrile rubber, Neoprene™ or PVC gloves

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion

Distribution, Workplace and Household Settings:

Protective gloves

Skin and Body Protection

Manufacturing Sites:

Contaminated work clothing should not be allowed out of the workplace

Wash contaminated clothing before reuse

Wear protective gloves and protective clothing

Distribution, Workplace and Household Settings:

No special protective equipment required

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact

Respiratory Protection

Manufacturing Sites:

In case of inadequate ventilation wear respiratory protection

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State @20°C	Liquid
Appearance	Clear Yellow
Odor	Woody
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Note</u>
pH value	No information available	
Melting/freezing point	No information available	
Boiling point/boiling range	No information available	
Flash point	94 °C / 201.2 °F	Closed cup
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper flammability limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	0.007 Pa	
Vapor density	No information available	
Relative density	0.845 - 1.070 g/cm3	
Water solubility	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	.
Decomposition temperature	No information available	.
Viscosity of Product	42.3 mm2/s	

10. STABILITY AND REACTIVITY

Reactivity	None.
Stability	Stable under normal conditions.
Hazardous polymerization	Hazardous polymerization does not occur.
Hazardous Reactions	None under normal use conditions.
Conditions to Avoid	Heat.
Materials to avoid	No data available.
Hazardous Decomposition Products	No data available.

11. TOXICOLOGICAL INFORMATION

Product Information

Information on likely routes of exposure

Inhalation	No known effect.
Skin contact	Irritating to skin. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. Symptoms may be delayed.
Ingestion	No known effect.
Eye contact	Avoid contact with eyes. Irritating to eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Acute toxicity	No known effect.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/eye irritation	Causes serious eye irritation.
Skin sensitization	May cause sensitization by skin contact.
Respiratory sensitization	No known effect.
Germ cell mutagenicity	No known effect.
Neurological Effects	No known effect.
Reproductive toxicity	No known effect.

Developmental toxicity	No known effect.
Teratogenicity	No known effect.
STOT - single exposure	No known effect.
STOT - repeated exposure	No known effect.
Target Organ Effects	No known effect.
Aspiration hazard	No known effect.
Carcinogenicity	No known effect.

Component Information

Chemical Name	CAS-No	Oral LD50	Dermal LD50	Inhalation LC50
Phenethyl alcohol	60-12-8	1610 mg/kg bodyweight (rat)	-	-
Amyl salicylate	2050-08-0	2000 mg/kg (rat)	-	-
Geraniol	106-24-1	3600 mg/kg bodyweight (rat)	-	-
Nerol	106-25-2	4500 mg/kg bodyweight (rat)	-	-
Isoeugenol	97-54-1	1500 mg/kg (rat)	1900 mg/kg (rabbit)	-

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Hazardous to the Aquatic Environment.

Persistence and degradability No information available.

Bioaccumulative potential No information available.

Mobility No information available.

Other adverse effects No information available.

13. DISPOSAL CONSIDERATIONS**Waste treatment**

Waste from Residues / Unused Products Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IMDG

UN Number UN3082
UN Proper shipping name Environmentally hazardous substances, liquid, n.o.s.
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Tetramethyl Acetyloctahydronaphthalenes, Alpha-Isomethyl Ionone), 9, III
Transport hazard class(es) 9
Packing Group III
Special precautions for user 274, 335
EmS-No F-A, S-F

IATA

UN no UN3082
UN Proper shipping name Environmentally hazardous substance, liquid, n.o.s.
Description UN3082, Environmentally hazardous substance, liquid, n.o.s. (Tetramethyl

Hazard Class	Acetyloctahydronaphthalenes, Alpha-Isomethyl Ionone), 9, III
Packing Group	9
ERG Code	III
Special precautions for user	9L
IATA comment	A97, A158
	The shipper is responsible for identifying any exemptions, including Limited Quantity, that may apply based on package size.

15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following substance(s) which are either listed as hazardous air pollutants (HAPS) or VOC's per the Clean Air Act:

Chemical Name	Volatile organic compounds
Benzyl Benzoate	Present

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

California Proposition 65

This product contains the following Proposition 65 chemicals.:

Chemical Name	CAS-No	California Prop. 65
Myrcene	123-35-3	Carcinogen

U.S. State Regulations (RTK)

Chemical Name	CAS-No	New Jersey
Benzyl Acetate	140-11-4	X

Chemical Name	CAS-No	Pennsylvania
BHT	128-37-0	X

International Inventories

United States

Not applicable.

Canada

Not applicable.

16. OTHER INFORMATION**HMIS Ratings**

Health hazard	-
Flammability	1
Physical hazard	0

NFPA Ratings

Health hazard	1
Flammability	1
Instability	0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS