Conforms to HazCom 2012 - United States / Mexico
Conforms to ANSI Z400.1-2004 Standard - Canada

SAFETY DATA SHEET

Just a Spray (All Variants)

Section 1. Identification

GHS product identifier : Just a Spray (All Variants)

Other means of identification : Not available.

Product type : Liquid.

Identified uses

Odor Eliminator, Deodorizing Agent.

Supplier's details : Prelam Enterprises Limited
300 Baig Blvd., Suite C4
Moncton, New Brunswick,
Canada, E1E1C8
Phone : (506) 857-0499
Toll Free: 1-877-249-6846
Fax : (506) 384-2984
E-mail : info@prelam.com
Web site: www.justaspray.com

Emergency telephone number (with hours of operation) : Prelam Industries info@prelam.com
8am-5pm Atlantic Time

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN SENSITIZATION - Category 1
AQUATIC HAZARD (ACUTE) - Category 2
AQUATIC HAZARD (LONG-TERM) - Category 2

GHS label elements

Hazard pictograms :

Signal word : Warning

Hazard statements : May cause an allergic skin reaction.
Toxic to aquatic life with long lasting effects.

Precautionary statements

General : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

Prevention : Wear protective gloves. Avoid release to the environment. Avoid breathing vapor. Contaminated work clothing should not be allowed out of the workplace.

Section 2. Hazards identification

Response : Collect spillage. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.

Storage : Not applicable.

Disposal : Dispose of contents and container in accordance with all local, regional, national and international regulations.

Hazards not otherwise classified : None known.

Section 3. Composition/information on ingredients

Substance/mixture : Mixture

CAS number/other identifiers

CAS number : Not applicable.

Product code : Not available.

United States - Mexico

Ingredient name	%	CAS number
2-tert-Butylcyclohexyl acetate	1 - 5	88-41-5
Bis(2-ethylhexyl) adipate	1 - 5	103-23-1
Benzaldehyde	1 - 5	100-52-7
Benzyl benzoate	1 - 5	120-51-4
D-Limonene	1 - 5	5989-27-5
Undecan-4-olide	1 - 5	104-67-6
Diethyl malonate	1 - 5	105-53-3
1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylindeno[5,6-c]pyran	0.1 - 1	1222-05-5
Terpenes and Terpenoids, lime-oil	0.1 - 1	68917-71-5
Cineole	0.1 - 1	470-82-6
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	0.1 - 1	54464-57-2
Orange, sweet, ext.	0.1 - 1	8028-48-6
Benzyl salicylate	0.1 - 1	118-58-1
Citral	0.1 - 1	5392-40-5
Oils, lemon	0.1 - 1	8008-56-8
Allyl hexanoate	0.1 - 1	123-68-2
2,6-di-tert-Butyl-p-cresol	0.1 - 1	128-37-0

Canada

Name	%	CAS number
2-tert-Butylcyclohexyl acetate	1 - 5	88-41-5
Bis(2-ethylhexyl) adipate	1 - 5	103-23-1
Benzaldehyde	1 - 5	100-52-7
Benzyl benzoate	1 - 5	120-51-4
D-Limonene	1 - 5	5989-27-5
Diethyl malonate	1 - 5	105-53-3
Diethyl phthalate	0.1 - 1	84-66-2

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention if irritation occurs.

Inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact : Wash with plenty of soap and water. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 20 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Ingestion : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No known significant effects or critical hazards.

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

Notes to physician : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments : No specific treatment.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media : Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media : None known.

Specific hazards arising from the chemical : This material is toxic to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

Special protective actions for fire-fighters : No special measures are required.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

Methods and materials for containment and cleaning up

Small spill : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Advice on general occupational hygiene : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

Ingredient name	Exposure limits
Benzaldehyde	**AIHA WEEL (United States, 10/2011). Skin sensitizer.** STEL: 4 ppm 15 minutes. TWA: 2 ppm 8 hours.
Citral	**ACGIH TLV (United States, 3/2012). Absorbed through skin. Skin sensitizer.** TWA: 5 ppm 8 hours. Form: Inhalable fraction and vapor
2,6-di-tert-Butyl-p-cresol	**OSHA PEL 1989 (United States, 3/1989).** TWA: 10 mg/m³ 8 hours. **NIOSH REL (United States, 4/2013).** TWA: 10 mg/m³ 10 hours. **ACGIH TLV (United States, 6/2013).** TWA: 2 mg/m³ 8 hours. Form: Inhalable fraction and vapor

Mexico

None.

Canada

Occupational exposure limits		TWA (8 hours)			STEL (15 mins)			Ceiling			
Ingredient	List name	ppm	mg/m³	Other	ppm	mg/m³	Other	ppm	mg/m³	Other	Notations
Diethyl phthalate	US ACGIH 3/2012	-	5	-	-	-	-	-	-	-	
	AB 4/2009	-	5	-	-	-	-	-	-	-	[3]
	BC 4/2012	-	5	-	-	-	-	-	-	-	
	ON 7/2010	-	5	-	-	-	-	-	-	-	
	QC 9/2011	-	5	-	-	-	-	-	-	-	
Benzaldehyde	ON 1/2013	-	-	-	4	17	-	-	-	-	
	US AIHA 10/2011	2	-	-	4	-	-	-	-	-	[3]

[3]Skin sensitization

Section 8. Exposure controls/personal protection

Appropriate engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

Skin protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state : Liquid. [Milk like.]

Color : Opaque white.

Odor : Various fragrances.

Odor threshold : Not available.

pH : 4 to 6

Melting point : Not available.

Boiling point : Not available.

Flash point : Not available.

Evaporation rate : Not available.

Flammability (solid, gas) : Not available.

Section 9. Physical and chemical properties

Lower and upper explosive (flammable) limits : Not available.

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : Not available.

Solubility : Easily soluble in the following materials: cold water and hot water.

Partition coefficient: n-octanol/water : Not available.

Auto-ignition temperature : Not available.

Decomposition temperature : Not available.

Viscosity : Not available.

Section 10. Stability and reactivity

Reactivity : No specific test data related to reactivity available for this product or its ingredients.

Chemical stability : The product is stable.

Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Incompatible materials : Reactive or incompatible with the following materials: oxidizing materials, reducing materials, acids and alkalis.

Hazardous decomposition products : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-tert-Butylcyclohexyl acetate	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4600 mg/kg	-
Bis(2-ethylhexyl) adipate	LD50 Oral	Rat	7392 mg/kg	-
Benzaldehyde	LD50 Oral	Rat	1300 mg/kg	-
Benzyl benzoate	LD50 Dermal	Rabbit	4 g/kg	-
	LD50 Oral	Rat	2800 mg/kg	-
D-Limonene	LD50 Dermal	Rabbit	>5000 mg/kg	-
	LD50 Oral	Rat	4400 mg/kg	-
Undecan-4-olide	LD50 Oral	Rat	18500 mg/kg	-
1,3,4,6,7,8-Hexahydro-4,6,6,7,8, 8-hexamethylindeno[5,6-c]pyran	LD50 Dermal	Rat	>5 g/kg	-
Cineole	LD50 Oral	Rat	2480 mg/kg	-
Benzyl salicylate	LD50 Oral	Rat	2227 mg/kg	-
Citral	LD50 Dermal	Rabbit	2250 mg/kg	-
	LD50 Oral	Rat	3.45 g/kg	-
Oils, lemon	LD50 Dermal	Rabbit	>5 g/kg	-
	LD50 Oral	Rat	2840 mg/kg	-
Allyl hexanoate	LD50 Dermal	Rabbit	300 mg/kg	-
	LD50 Oral	Rat	218 mg/kg	-
2,6-di-tert-Butyl-p-cresol	LD50 Oral	Rat	890 mg/kg	-

Section 11. Toxicological information

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
2-tert-Butylcyclohexyl acetate	Eyes - Severe irritant	Rabbit	-	50%	-
	Skin - Moderate irritant	Rabbit	-	4 hours 100%	-
Benzaldehyde	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
D-Limonene	Skin - Mild irritant	Rabbit	-	24 hours 10%	-
Undecan-4-olide	Skin - Moderate irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-
Diethyl malonate	Skin - Mild irritant	Rabbit	-	24 hours 500 mg	-
1,3,4,6,7,8-Hexahydro-4,6,6,7,8, 8-hexamethylindeno[5,6-c]pyran	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Citral	Skin - Moderate irritant	Guinea pig	-	48 hours 1%	-
	Skin - Severe irritant	Guinea pig	-	24 hours 100 mg	-
	Skin - Mild irritant	Human	-	24 hours 40 mg	-
	Skin - Severe irritant	Man	-	48 hours 16 mg	-
	Skin - Severe irritant	Pig	-	48 hours 50 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Severe irritant	Rabbit	-	24 hours 100 mg	-
Oils, lemon	Skin - Mild irritant	Mouse	-	100%	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
Allyl hexanoate	Skin - Mild irritant	Human	-	48 hours 20 mg	-
2,6-di-tert-Butyl-p-cresol	Eyes - Moderate irritant	Rabbit	-	24 hours 100 mg	-
	Skin - Mild irritant	Human	-	48 hours 500 mg	-
	Skin - Moderate irritant	Rabbit	-	48 hours 500 mg	-

Sensitization

There is no data available.

Carcinogenicity

Classification

Product/ingredient name	OSHA	IARC	NTP	ACGIH	EPA	NIOSH
Bis(2-ethylhexyl) adipate	-	3	-	-	-	None.
Benzaldehyde	-	-	-	-	-	None.
D-Limonene	-	3	-	-	-	-

Specific target organ toxicity (single exposure)

Name	Category	Route of exposure	Target organs
Benzyl salicylate	Category 2	Oral	spleen

Specific target organ toxicity (repeated exposure)

There is no data available.

Aspiration hazard

Name	Result
Terpenes and Terpenoids, lime-oil	ASPIRATION HAZARD - Category 1
Orange, sweet, ext.	ASPIRATION HAZARD - Category 1
Oils, lemon	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure : Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : May cause an allergic skin reaction.

Ingestion : No known significant effects or critical hazards.

Section 11. Toxicological information

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Skin contact : Adverse symptoms may include the following:
irritation
redness

Ingestion : No known significant effects or critical hazards.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Long term exposure

Potential immediate effects : No known significant effects or critical hazards.

Potential delayed effects : No known significant effects or critical hazards.

Potential chronic health effects

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE value
Oral	12810.6 mg/kg
Dermal	178070.6 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
Bis(2-ethylhexyl) adipate	Acute LC50 780 µg/L Fresh water	Algae - Pseudokirchneriella subcapitata	96 hours
	Acute LC50 660 to 850 µg/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 780 µg/L Fresh water	Fish - Pimephales promelas	96 hours
Benzaldehyde	Acute LC50 1.3 mg/L Marine water	Crustaceans - Americamysis bahia - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 9 mg/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 1269 µg/L Fresh water	Fish - Oncorhynchus mykiss	96 hours
D-Limonene	Acute EC50 421 µg/L Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 688 µg/L Fresh water	Fish - Pimephales promelas	96 hours
Diethyl malonate	Acute LC50 10800 µg/L Fresh water	Fish - Pimephales promelas - Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 0.604 mg/L Fresh water	Fish - Pimephales promelas - Embryo	33 days
Cineole	Acute LC50 102000 µg/L Fresh water	Fish - Pimephales promelas	96 hours
2,6-di-tert-Butyl-p-cresol	Acute EC50 1440 µg/L Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours

Section 12. Ecological information

Persistence and degradability

There is no data available.

Bioaccumulative potential

Product/ingredient name	$LogP_{ow}$	BCF	Potential
Bis(2-ethylhexyl) adipate	8.94	27	low
Benzaldehyde	1.48	-	low
Benzyl benzoate	3.97	-	low
D-Limonene	4.38	1022	high
Diethyl malonate	0.96	-	low
1,3,4,6,7,8-Hexahydro-4,6,6,7,8, 8-hexamethylindeno[5,6-c]pyran	5.3	2507	high
Cineole	2.74	-	low
Orange, sweet, ext.	2.78 to 4.88	361	low
Benzyl salicylate	-	1170	high
Citral	2.76	89.72	low
Allyl hexanoate	3.2	-	low
2,6-di-tert-Butyl-p-cresol	5.1	330 to 1800	high

Mobility in soil

Soil/water partition coefficient (K_{OC}) : There is no data available.

Other adverse effects : No known significant effects or critical hazards.

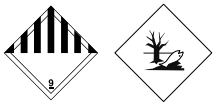
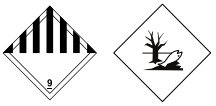
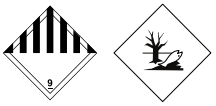
Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT/MEX/TDG Classification	IMDG	IATA
UN number	UN3082	UN3082	UN3082
UN proper shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-Limonene, Benzyl benzoate). Marine pollutant (D-Limonene, Benzyl benzoate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-Limonene, Benzyl benzoate). Marine pollutant (D-Limonene, Benzyl benzoate)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (D-Limonene, Benzyl benzoate)

Section 14. Transport information

Transport hazard class(es)	9 	9 	9 
Packing group	III	III	III
Environmental hazards	Yes.	Yes.	Yes.
Additional information	Non-bulk packages of this product are not regulated as hazardous materials unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg.	The environmentally hazardous substance mark is not required when transported in sizes of ≤5 L or ≤5 kg.

AERG : 171

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not available.

Section 15. Regulatory information

U.S. Federal regulations : **TSCA 8(a) PAIR**: Isopentyl acetate; Vanillin; Benzaldehyde; Dimethylcyclohex-3-ene-1-carbaldehyde; 2-(4-tert-Butylbenzyl)propionaldehyde; α-Hexylcinnamaldehyde; Nonanal; Octanal; Dodecanal; Citronellal; 2-Benzylideneheptanal; 2-Methylundecanal; Cinnamaldehyde; 7-Hydroxycitronellal; 4-(4-Hydroxy-4-methylpentyl)cyclohex-3-enecarbaldehyde

TSCA 8(a) CDR Exempt/Partial exemption: Not determined

United States inventory (TSCA 8b): Not determined.

Clean Water Act (CWA) 307: Diethyl phthalate

Clean Water Act (CWA) 311: Isopentyl acetate

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Not listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List I Chemicals (Precursor Chemicals) : Listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

Section 15. Regulatory information

No products were found.

SARA 304 RQ : Not applicable.

SARA 311/312

Classification : Immediate (acute) health hazard

Composition/information on ingredients

Name	%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
2-tert-Butylcyclohexyl acetate	1 - 5	Yes.	No.	No.	No.	No.
Benzaldehyde	1 - 5	Yes.	No.	No.	Yes.	No.
Benzyl benzoate	1 - 5	No.	No.	No.	Yes.	No.
D-Limonene	1 - 5	Yes.	No.	No.	Yes.	No.
Diethyl malonate	1 - 5	Yes.	No.	No.	Yes.	No.
Terpenes and Terpenoids, lime-oil	0.1 - 1	Yes.	No.	No.	Yes.	No.
Cineole	0.1 - 1	Yes.	No.	No.	Yes.	No.
1-(1,2,3,4,5,6,7,8-Octahydro-2,3,8,8-tetramethyl-2-naphthyl)ethan-1-one	0.1 - 1	No.	No.	No.	Yes.	No.
Orange, sweet, ext.	0.1 - 1	Yes.	No.	No.	Yes.	No.
Benzyl salicylate	0.1 - 1	No.	No.	No.	Yes.	No.
Citral	0.1 - 1	No.	No.	No.	Yes.	No.
Oils, lemon	0.1 - 1	Yes.	No.	No.	Yes.	No.
Allyl hexanoate	0.1 - 1	Yes.	No.	No.	Yes.	No.

State regulations

Massachusetts : The following components are listed: Benzaldehyde; Bis(2-ethylhexyl) adipate

New York : None of the components are listed.

New Jersey : The following components are listed: Diethyl malonate; Benzaldehyde; Bis(2-ethylhexyl) adipate

Pennsylvania : The following components are listed: Benzaldehyde; Bis(2-ethylhexyl) adipate

California Prop. 65

No products were found.

Mexico

Classification :

Canada

WHMIS (Canada) : Class D-2B: Material causing other toxic effects (Toxic).

Canadian lists

Canadian NPRI : The following components are listed: Bis(2-ethylhexyl) adipate; D-Limonene

CEPA Toxic substances : None of the components are listed.

Canada inventory : All components are listed or exempted.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Section 15. Regulatory information

Ingredient name	List name	Status
Not listed.		

Montreal Protocol (Annexes A, B, C, E)

Ingredient name	List name	Status
Not listed.		

Stockholm Convention on Persistent Organic Pollutants

Ingredient name	List name	Status
Not listed.		

Rotterdam Convention on Prior Inform Consent (PIC)

Ingredient name	List name	Status
Not listed.		

UNECE Aarhus Protocol on POPs and Heavy Metals

Ingredient name	List name	Status
Not listed.		

Section 16. Other information

Canada

WHMIS (Canada) :

History

Date of issue mm/dd/yyyy : 10/15/2014

Version : 1

Revised Section(s) : Not applicable.

Prepared by : KMK Regulatory Services Inc.

Key to abbreviations :
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations

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