



# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Issue date: 11/16/2018

Revision date: 05/20/2020

Supersedes: 11/16/2018

Version: 1.1

### SECTION 1: Identification

#### 1.1. Product identifier

Product form : Mixture  
Product name : OIL, VANILLA CREAM\*  
CAS-No. : N/A  
Product code : 50-8160-13  
Product group : Trade product

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

The Lebermuth Company  
4004 Technology Drive  
46628 South Bend, IN - United States  
T 574-259-7000 - F 574-258-7450  
[info@lebermuth.com](mailto:info@lebermuth.com) - [www.lebermuth.com](http://www.lebermuth.com)

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC - USA: 800-424-9300 International: +1 703-527-3887 / 1-800-424-9300  
CCN 13010

### SECTION 2: Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification (GHS CA)

Acute toxicity (inhalation:vapour) Category 3 H331 Toxic if inhaled  
Serious eye damage/eye irritation Category 2A H319 Causes serious eye irritation  
Skin sensitization, category 1B H317 May cause an allergic skin reaction

Full text of H statements : see section 16

#### 2.2. GHS Label elements, including precautionary statements

##### GHS CA labeling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) : Danger

Hazard statements (GHS CA) : H317 - May cause an allergic skin reaction  
H319 - Causes serious eye irritation  
H331 - Toxic if inhaled

Precautionary statements (GHS CA) : P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
P264 - Wash hands, forearms and face thoroughly after handling.  
P271 - Use only outdoors or in a well-ventilated area.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P302+P352 - IF ON SKIN: Wash with plenty of water.  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P311 - Call a POISON CENTER or doctor.  
P321 - Specific treatment (see supplemental first aid instruction on this label).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
P405 - Store locked up.  
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

No additional information available

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 2.4. Unknown acute toxicity (GHS CA)

No data available

## SECTION 3: Composition/Information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
DIETHYL PHTHALATE	1,2-benzene dicarboxylic acid diethyl ester / 1,2-benzenedicarboxylic acid, diethyl ester / ANOZOL / BISOFLEX DEP / DEP(=diethyl phthalate) / diethyl 1,2-benzenedicarboxylate / diethyl phthalate / diethyl-o-phthalate / diethyl-ortho-phthalate / di-n-ethyl phthalate / di-normal-ethyl phthalate / DPX-F5384 / ESTOL 1550 / ethyl phthalate / KODAFLEX DEP / NEANTINE / o-benzenedicarboxylic acid diethyl ester / o-phthalic acid diethyl ester / ortho-benzenedicarboxylic acid diethyl ester / ortho-phthalic acid diethyl ester / PALATINOL A / PALATINOL A (R) / phthalic acid diethyl ester / phthalic acid ethyl ester / PHTHALOL / PLACIDOL E / SOLVANOL	(CAS-No.) 84-66-2	>= 50	Acute Tox. 3 (Inhalation:vapour), H331
BENZYL SALICYLATE	benzoic acid, 2-hydroxy-, phenylmethyl ester / benzyl 2-hydroxybenzoate / benzyl o-hydroxybenzoate / benzyl ortho-hydroxybenzoate / benzyl salicylate (Q) / benzyl salicylate 00402 / salicylic acid benzyl ester / salicylic acid, benzyl ester	(CAS-No.) 118-58-1	10 - 25	Eye Irrit. 2B, H320 Skin Sens. 1B, H317
VANILLIN	2-methoxy-4-formylphenol / 3-methoxy-4-hydroxy benzaldehyde / 4-formyl-2-methoxyphenol / 4-hydroxy meta-anisaldehyde / 4-hydroxy-5-methoxybenzaldehyde / 4-hydroxy-m-anisaldehyde / benzaldehyde, 4-hydroxy-3-methoxy- / FEMA No 3107 / lioxin / m-anisaldehyde, 4-hydroxy / meta-anisaldehyde, 4-hydroxy / methylprotocatechualdehyde / methylprotocatechuic aldehyde / para-hydroxy-meta-methoxybenzaldehyde / para-vanillin / p-hydroxy-meta-methoxybenzaldehyde / p-hydroxy-m-methoxybenzaldehyde / protocatechualdehyde 3-methyl ether / protocatechualdehyde, methyl- / p-vanillin / vanilla / vanilla aldehyde / vanillaldehyde / vanillic aldehyde / vanillin / zimco	(CAS-No.) 121-33-5	5 - 10	Eye Irrit. 2A, H319
ETHYL VANILLIN		(CAS-No.) 121-32-4	5 - 10	Eye Irrit. 2B, H320
COUMARIN		(CAS-No.) 91-64-5	1 - 5	Acute Tox. 4 (Oral), H302 Skin Sens. 1B, H317
ANISIC ALDEHYDE	4-anisaldehyde / anisaldehyde / anisic aldehyde / aubepine / benzaldehyde, 4-methoxy- / crategine / FEMA no 2670 / obepin / p-anisaldehyde / p-anisic aldehyde / para-anisaldehyde / para-anisic aldehyde / para-formylanisole / para-methoxybenzaldehyde / p-formylanisole / p-methoxybenzaldehyde	(CAS-No.) 123-11-5	0.1 - 1	Not classified
ACETOIN	1-hydroxyethylmethyl ketone / 2,3-butanolone / 2-butanone, 3-hydroxy- / 3-hydroxybutan-2-one / 3-oxy-2-butanone / acetoin / dimethylketol / gamma-hydroxy-beta-oxobutane / hydroxyethylmethyl keton	(CAS-No.) 513-86-0	0.1 - 1	Flam. Liq. 3, H226 STOT RE 2, H373
DIPROPYLENE GLYCOL	diisopropylene glycol / DPG / oxidipropanol / oxybispropanol / oxydipropanol / propanol, oxybis-	(CAS-No.) 25265-71-8	0.1 - 1	Not classified

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Name	Chemical name / Synonyms	Product identifier	%	Classification (GHS CA)
γ-NONALACTONE	1,4-nonalolide / 1,4-nonanolactone / 2(3H)-furanone, dihydro-5-pentyl- / 4-hydroxynonanoic acid lactone / 4-hydroxynonanoic acid, gamma-lactone / 4-nonalolide / 4-pentylbutanolide / aldehyde C-18 / coconut aldehyde / dihydro-5-pentyl-2(3H)-furanone / FEMA number 2781 / gamma-amylobutyrolactone / gamma-amylobutyrolactone / gamma-n-amylobutyrolactone / gamma-nonanoic lactone / gamma-nonanolide / gamma-normal-amylobutyrolactone / gamma-pentylgamma-butyrolactone / nonan-1,4-olide / nonan-4-olide / nonane-1,4-olide / nonanoic acid, 4-hydroxygamma-lactone / prunolide	(CAS-No.) 104-61-0	0.1 - 1	Not classified
ETHYL MALTOL	2-ethyl pyromeconic acid / 2-ethyl-3-hydroxy-4H-pyran-4-one / 3-hydroxy-2-ethyl-4-pyrone / 4H-pyran-4-one, 2-ethyl-3-hydroxy- / ethyl maltol / veltol plus	(CAS-No.) 4940-11-8	0.1 - 1	Acute Tox. 4 (Oral), H302
BENZYL BENZOATE	benylate / benzoate / benzoic acid, benzyl ester / benzoic acid, phenylmethyl ester / benzyl alcohol, benzoic ester / benzyl benzenecarboxylate / benzyl benzoate / benzyl benzoate USP 600040 / benzyl phenylformate / benzylets / FEMA number 2138	(CAS-No.) 120-51-4	0.0129 - 0.0215	Acute Tox. 4 (Oral), H302

Full text of hazard classes and H-statements : see section 16

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a doctor.
- First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

- Symptoms/effects after skin contact : May cause an allergic skin reaction.
- Symptoms/effects after eye contact : Eye irritation.

#### 4.3. Immediate medical attention and special treatment, if necessary

- Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable extinguishing media

- Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Unsuitable extinguishing media

No additional information available

#### 5.3. Specific hazards arising from the hazardous product

No additional information available

#### 5.4. Special protective equipment and precautions for fire-fighters

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

No additional information available

#### 6.2. Methods and materials for containment and cleaning up

- Methods for cleaning up : Take up liquid spill into absorbent material.
- Other information : Dispose of materials or solid residues at an authorized site.

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### 6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.
- Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DIETHYL PHTHALATE (84-66-2)

#### USA - ACGIH - Occupational Exposure Limits

Local name	Diethyl phthalate
ACGIH TWA (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>
Remark (ACGIH)	URT irr

### 8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station.
- Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

#### Hand protection:

Protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- Physical state : Liquid
- Appearance : No data available
- Color : Mixture contains one or more component(s) which have the following colour(s):  
White to light yellow On exposure to light: discolours White Colourless to light yellow Colourless  
Light yellow
- Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.  
Mixture contains one or more component(s) which have the following odour:  
Pleasant odour Sweet odour Almost odourless Alcohol odour Strong odour Characteristic odour  
Floral odour Mild odour Aromatic odour
- Odor threshold : No data available
- pH : No data available
- Relative evaporation rate (butyl acetate=1) : No data available
- Relative evaporation rate (ether=1) : No data available
- Melting point : Not applicable
- Freezing point : No data available
- Boiling point : No data available
- Flash point : 132 °C
- Auto-ignition temperature : No data available

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapor pressure	: No data available
Vapor pressure at 50 °C	: No data available
Relative density	: 1.135 (1.125 - 1.145)
Solubility	: Insoluble.
Log Pow	: No data available
Explosion limits	: No data available

### 9.2. Other information

Refractive index	: 1.523 (1.513 - 1.533)
------------------	-------------------------

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Toxic if inhaled.

ATE CA (vapours)	4.176 mg/l/4h
------------------	---------------

#### COUMARIN CRYSTALS (91-64-5)

LD50 oral	500 mg/kg body weight
ATE CA (oral)	500 mg/kg body weight

#### ETHYL VANILLIN NF (121-32-4)

LD50 oral	3000 mg/kg body weight
ATE CA (oral)	3000 mg/kg body weight

#### ACETOIN (513-86-0)

LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rat	> 5000 mg/kg (Rat, Dermal)

#### DIPROPYLENE GLYCOL (DPG) (25265-71-8)

LD50 oral rat	> 5000 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral)
LD50 dermal rabbit	> 5010 mg/kg body weight (Equivalent or similar to OECD 402, Rabbit, Male/female, Experimental value, Dermal)
LC50 inhalation rat (mg/l)	2.34 mg/l (Equivalent or similar to OECD 403, Rat, Male/female, Experimental value, Inhalation)
ATE CA (vapours)	2.34 mg/l/4h
ATE CA (dust,mist)	2.34 mg/l/4h

#### ALDEHYDE C-18 (104-61-0)

LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)

#### VANILLIN (121-33-5)

LD50 oral rat	3300 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 oral	3500 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male/female, Experimental value, Dermal, 14 day(s))
ATE CA (oral)	3300 mg/kg body weight

#### VELTOL PLUS (4940-11-8)

LD50 oral rat	1150 mg/kg (Rat, Oral)
LD50 oral	1200 mg/kg body weight

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>VELTOL PLUS (4940-11-8)</b>	
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Dermal)
ATE CA (oral)	1150 mg/kg body weight
<b>ANISIC ALDEHYDE (123-11-5)</b>	
LD50 oral rat	3210 mg/kg body weight (Equivalent or similar to OECD 401, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 oral	3210 mg/kg body weight
LD50 dermal rabbit	> 5000 mg/kg (Rabbit, Experimental value, Dermal, 14 day(s))
ATE CA (oral)	3210 mg/kg body weight
<b>BENZYL SALICYLATE (118-58-1)</b>	
LD50 oral rat	2227 mg/kg (Rat)
LD50 oral	2200 mg/kg body weight
LD50 dermal rabbit	14150 mg/kg (Rabbit)
ATE CA (oral)	2200 mg/kg body weight
ATE CA (Dermal)	14150 mg/kg body weight
<b>DIETHYL PHTHALATE (DEP) (84-66-2)</b>	
LD50 oral rat	8600 mg/kg (Rat, Oral)
LD50 dermal rabbit	> 7940 mg/kg (Rabbit, Dermal)
LC50 inhalation rat (mg/l)	> 5 mg/l (4 h, Rat, Inhalation)
ATE CA (oral)	8600 mg/kg body weight
ATE CA (vapours)	3 mg/l/4h
<b>BENZYL BENZOATE (120-51-4)</b>	
LD50 oral rat	> 2000 mg/kg body weight (OECD 401: Acute Oral Toxicity, Rat, Male/female, Experimental value, Oral, 14 day(s))
LD50 oral	1500 mg/kg body weight
LD50 dermal rabbit	> 2 ml/kg (Modification of Draize 1959 method, 4 h, Rabbit, Experimental value, Dermal)
LD50 dermal	4000 mg/kg body weight
ATE CA (oral)	1500 mg/kg body weight
ATE CA (Dermal)	4000 mg/kg body weight

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Causes serious eye irritation.  
Respiratory or skin sensitization : May cause an allergic skin reaction.  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified  
  
Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

<b>ACETOIN (513-86-0)</b>	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard : Not classified

Symptoms/effects after skin contact : May cause an allergic skin reaction.

Symptoms/effects after eye contact : Eye irritation.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>DIPROPYLENE GLYCOL (DPG) (25265-71-8)</b>	
LC50 fish 1	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, <i>Oryzias latipes</i> , Semi-static system, Fresh water, Experimental value)
LC50 other aquatic organisms 1	3181 mg/l (Other, 48 h, <i>Xenopus laevis</i> , Fresh water, Experimental value)
EC50 Daphnia 1	> 100 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value)
EC50 72h algae [mg/l] 1	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, <i>Desmodesmus subspicatus</i> , Fresh water, Experimental value)
Log Pow	-0.462 (Test data, Equivalent or similar to OECD 107, 21.7 °C)
Log Koc	0.78 (log Koc, Calculated value)

<b>ALDEHYDE C-18 (104-61-0)</b>	
Log Pow	2.5

<b>VANILLIN (121-33-5)</b>	
LC50 fish 1	57 mg/l (Equivalent or similar to OECD 203, 96 h, <i>Pimephales promelas</i> , Flow-through system, Fresh water, Experimental value)
EC50 Daphnia 1	36.79 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP)
ErC50 (algae)	120 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, GLP)
Log Pow	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Log Koc	3.438 (log Koc, Experimental value)

<b>ANISIC ALDEHYDE (123-11-5)</b>	
LC50 fish 1	148.32 mg/l (DIN 38412: German standard methods for the examination of water, waste water and sludge, 96 h, <i>Leuciscus idus</i> , Static system, Fresh water, Experimental value)
EC50 Daphnia 1	82.8 mg/l (EU Method C.2, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value)
EC50 72h algae [mg/l] 1	81.11 mg/l (DIN 38412-9, <i>Desmodesmus subspicatus</i> , Static system, Fresh water, Experimental value, Growth rate)
Log Pow	1.56 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Log Koc	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)

<b>BENZYL SALICYLATE (118-58-1)</b>	
Log Pow	4.31 (Estimated value)

<b>DIETHYL PHTHALATE (DEP) (84-66-2)</b>	
LC50 fish 1	17 ppm (96 h, <i>Pimephales promelas</i> , Flow-through system)
EC50 Daphnia 1	52 mg/l (48 h, <i>Daphnia magna</i> )
EC50 72h algae [mg/l] 1	23 mg/l ( <i>Scenedesmus subspicatus</i> , Growth)
BCF fish 1	15 - 16 ( <i>Mugil cephalus</i> )
BCF fish 2	117.5 (504 h, <i>Lepomis macrochirus</i> )
BCF other aquatic organisms 1	1100 ppb ( <i>Ostreidae</i> , Fresh weight)
BCF other aquatic organisms 2	340 - 450 ppb ( <i>Lamellibranchiata</i> , Fresh weight)
Log Pow	1.4 - 2.82

<b>BENZYL BENZOATE (120-51-4)</b>	
LC50 fish 1	2.32 mg/l (EU Method C.1, 96 h, <i>Danio rerio</i> , Semi-static system, Fresh water, Experimental value, GLP)
EC50 Daphnia 1	3.09 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, <i>Daphnia magna</i> , Static system, Fresh water, Experimental value, GLP)
EC50 72h algae [mg/l] 1	0.475 mg/l (OECD 201: Alga, Growth Inhibition Test, <i>Pseudokirchneriella subcapitata</i> , Static system, Fresh water, Experimental value, Growth rate)
BCF fish 1	2.286 (BCFBAF v3.00, Pisces, QSAR)
Log Pow	3.97 (Experimental value, 25 °C)
Log Koc	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)

### 12.2. Persistence and degradability

<b>ACETOIN (513-86-0)</b>	
Persistence and degradability	Biodegradability in water: no data available.

<b>DIPROPYLENE GLYCOL (DPG) (25265-71-8)</b>	
Persistence and degradability	Readily biodegradable in water.



# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>ALDEHYDE C-18 (104-61-0)</b>	
Persistence and degradability	Biodegradability in water: no data available.
<b>VANILLIN (121-33-5)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>VELTOL PLUS (4940-11-8)</b>	
Persistence and degradability	Biodegradability in water: no data available.
<b>ANISIC ALDEHYDE (123-11-5)</b>	
Persistence and degradability	Readily biodegradable in water.
<b>BENZYL SALICYLATE (118-58-1)</b>	
Persistence and degradability	Biodegradability in water: no data available.
<b>DIETHYL PHTHALATE (DEP) (84-66-2)</b>	
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.
<b>BENZYL BENZOATE (120-51-4)</b>	
Persistence and degradability	Readily biodegradable in water.

### 12.3. Bioaccumulative potential

<b>ACETOIN (513-86-0)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>DIPROPYLENE GLYCOL (DPG) (25265-71-8)</b>	
Bioaccumulative potential	Bioaccumulation: not applicable.
Log Pow	-0.462 (Test data, Equivalent or similar to OECD 107, 21.7 °C)
Log Koc	0.78 (log Koc, Calculated value)
<b>ALDEHYDE C-18 (104-61-0)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Log Pow	2.5
<b>VANILLIN (121-33-5)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Log Pow	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
Log Koc	3.438 (log Koc, Experimental value)
<b>VELTOL PLUS (4940-11-8)</b>	
Bioaccumulative potential	No bioaccumulation data available.
<b>ANISIC ALDEHYDE (123-11-5)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
Log Pow	1.56 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
Log Koc	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
<b>BENZYL SALICYLATE (118-58-1)</b>	
Log Pow	4.31 (Estimated value)
<b>DIETHYL PHTHALATE (DEP) (84-66-2)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).
BCF fish 1	15 - 16 (Mugil cephalus)
BCF fish 2	117.5 (504 h, Lepomis macrochirus)
BCF other aquatic organisms 1	1100 ppb (Ostreidae, Fresh weight)
BCF other aquatic organisms 2	340 - 450 ppb (Lamellibranchiata, Fresh weight)
Log Pow	1.4 - 2.82
<b>BENZYL BENZOATE (120-51-4)</b>	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
BCF fish 1	2.286 (BCFBAF v3.00, Pisces, QSAR)
Log Pow	3.97 (Experimental value, 25 °C)
Log Koc	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)

### 12.4. Mobility in soil

<b>DIPROPYLENE GLYCOL (DPG) (25265-71-8)</b>	
Surface tension	71.4 mN/m (22 °C, 1.01 g/l)
Ecology - soil	Low potential for adsorption in soil.
Log Koc	0.78 (log Koc, Calculated value)
Log Pow	-0.462 (Test data, Equivalent or similar to OECD 107, 21.7 °C)



# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

<b>ALDEHYDE C-18 (104-61-0)</b>	
Log Pow	2.5
<b>VANILLIN (121-33-5)</b>	
Ecology - soil	Low potential for mobility in soil.
Log Koc	3.438 (log Koc, Experimental value)
Log Pow	1.17 (Experimental value, OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method, 25 °C)
<b>ANISIC ALDEHYDE (123-11-5)</b>	
Ecology - soil	Highly mobile in soil.
Log Koc	1 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Log Pow	1.56 (Experimental value, Equivalent or similar to OECD 107, 25 °C)
<b>BENZYL SALICYLATE (118-58-1)</b>	
Log Pow	4.31 (Estimated value)
<b>DIETHYL PHTHALATE (DEP) (84-66-2)</b>	
Surface tension	0.0375 N/m (20 °C)
Log Pow	1.4 - 2.82
<b>BENZYL BENZOATE (120-51-4)</b>	
Surface tension	0.027 N/m (210 °C)
Ecology - soil	Low potential for mobility in soil.
Log Koc	3.8 (log Koc, OECD 121: Estimation of the Adsorption Coefficient (Koc) on Soil and on Sewage Sludge using High Performance Liquid Chromatography (HPLC), Experimental value)
Log Pow	3.97 (Experimental value, 25 °C)

### 12.5. Other adverse effects

Ozone : Not classified

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

## SECTION 14: Transport information

### 14.1. Basic shipping description

In accordance with TDG

#### Transportation of Dangerous Goods

Not regulated for transport

### 14.2. Transport information/DOT

#### Department of Transport

Not regulated for transport

### 14.3. Air and sea transport

#### IMDG

Not regulated for transport

#### IATA

Not regulated for transport

## SECTION 15: Regulatory information

### 15.1. National regulations

<b>COUMARIN CRYSTALS (91-64-5)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>ETHYL VANILLIN NF (121-32-4)</b>	
Listed on the Canadian DSL (Domestic Substances List)	
<b>ACETOIN (513-86-0)</b>	
Listed on the Canadian DSL (Domestic Substances List)	

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

### DIPROPYLENE GLYCOL (DPG) (25265-71-8)

Listed on the Canadian DSL (Domestic Substances List)

### ALDEHYDE C-18 (104-61-0)

Listed on the Canadian DSL (Domestic Substances List)

### VANILLIN (121-33-5)

Listed on the Canadian DSL (Domestic Substances List)

### VELTOL PLUS (4940-11-8)

Listed on the Canadian DSL (Domestic Substances List)

### ANISIC ALDEHYDE (123-11-5)

Listed on the Canadian DSL (Domestic Substances List)

### BENZYL SALICYLATE (118-58-1)

Listed on the Canadian DSL (Domestic Substances List)

### DIETHYL PHTHALATE (DEP) (84-66-2)

Listed on the Canadian DSL (Domestic Substances List)

### BENZYL BENZOATE (120-51-4)

Listed on the Canadian DSL (Domestic Substances List)

## 15.2. International regulations

### COUMARIN CRYSTALS (91-64-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### ETHYL VANILLIN NF (121-32-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### ACETOIN (513-86-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### DIPROPYLENE GLYCOL (DPG) (25265-71-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### ALDEHYDE C-18 (104-61-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### VANILLIN (121-33-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### VELTOL PLUS (4940-11-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### ANISIC ALDEHYDE (123-11-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### BENZYL SALICYLATE (118-58-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### DIETHYL PHTHALATE (DEP) (84-66-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

### BENZYL BENZOATE (120-51-4)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

## SECTION 16: Other information

SDS Major/Minor : None  
Issue date : 11/16/2018  
Revision date : 05/20/2020  
Supersedes : 11/16/2018

Full text of H-phrases:

H226	Flammable liquid and vapour
H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H320	Causes eye irritation
H331	Toxic if inhaled
H373	May cause damage to organs through prolonged or repeated exposure

# OIL, VANILLA CREAM\*

## Safety Data Sheet

according to the Hazardous Products Regulation (February 11, 2015)

---

SDS Canada (GHS)

*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.*