



SPECIFICATIONS SHEET

Attention:  
DDA - VALLEY BAKERS

VANILLA EXTRACT PURE  
Customer Part#: 93.402

Shelf Life: 24 Months under recommended conditions.

Storage Conditions: Store/Ship in closed container in a cool dry place  
away from direct sunlight at 60 - 85 deg F.

Physical Form: Liquid  
Appearance: CLEAR TO SLIGHTLY TURBID BROWN LIQUID

Organoleptic: VANILLA-LIKE

SPECIFICATION	STANDARD
Specific Gravity (25 C)	0.9580 - 1.0580
Refractive Index (20 C)	1.3590 - 1.3890
Brix (RR IQ/OQJ57)	26.5 - 30.5
Alcohol Percentage (USP)	35.00 -36.50
Yeast / Mold (AOAC)	< 000100 cfu/g
Coliform (AOAC)	< 010 cfu/g
Standard Plate Count (AOAC)	< 100000 cfu/g
Pounds Per Gallon	8.41
Solubility	Water Soluble

Contains:  
WATER, ALCOHOL, SUGAR AND VANILLA BEAN EXTRACTIVES.

Reviewed Date: 01/17/17

Date: 1/27/17



## Nutritional Statement

Product Code & Name: #00877061 - Vanilla Extract Pure

Date: 1/27/2017

### ***Nutritional Facts***

*Calculated amount per 100 gm.*

Calories	278.00
Calories from Fat	4.86
Fat	0.54 gm
Saturated Fat	0.00 gm
Trans Fatty Acid	0.00 gm
Cholesterol	0.00 mg
Total Carbohydrates	10.95 gm
Sugars	10.95 gm
Added Sugars	10.95 gm
Dietary Fiber	0.00 gm
Protein	0.12 gm
Vitamin A	0.00 IU
Vitamin C	0.00 mg
Vitamin D	0.00 mcg
Calcium	0.00 mg
Iron	0.00 mg
Sodium	10.80 mg
Potassium	0.00 mg
Moisture	45.00 gm
Ash	43.39 gm

***These nutritional values are based on the information available at the time of printing. These values are subject to change as additional information is obtained.***

These values are approximate and derived by calculations based on available reference material. They should not be construed as final figures. For nutritional labeling, analysis for these nutrients or the use of an FDA approved data base is required as specified by the Code of Federal Regulations, Title 21, Section 101.9.



## ALLERGEN INFORMATION SHEET

Date: 1/27/2017

Product Code & Name: #93.402 - Vanilla Extract Pure (00877061)

	Present In Product	Present in Other Products Manufactured on the Same Line**	Present in the Same Manufacturing Facility	Specify Source (indicate if an oil is highly refined and exempt from allergen labeling)*
<b>Allergens</b>				
Dairy Products (including derivatives)	No	Yes	Yes	
Egg Products	No	No	No	
Soy Products (including soy lecithin)	No	Yes	Yes	
Gluten (including Wheat, Rye, Barley, Oats, Spelt, Kamut, or their hybridized strains)	No	Yes	Yes	
Peanut Products	No	Yes	Yes	
Tree Nuts & derivatives (almond, beech nut, brazil nut, butternut, cashew, chestnut, chinquapin, coconut, hazelnut (filbert), ginko nut, hickory nut, lichee nut, macademia nut, pecan, pili nut, pine nuts, pistachio, sheanut, walnut) indicate specific nut	No	Yes	Yes	
Fish (indicate species)	No	Yes	Yes	
Crustacean Shellfish (indicate species)	No	Yes	Yes	
Molluscan Shellfish (indicate species)	No	Yes	Yes	
Sesame Seed	No	Yes	Yes	
Mustard	No	Yes	Yes	
Celery	No	Yes	Yes	
Lupin	No	No	No	

<b>Sensitizers</b>					
Monosodium Glutamate		No	Yes	Yes	
Sulfites	N/A ppm	No	Yes	Yes	
Autolyzed Yeast/Yeast Extracts		No	Yes	Yes	
BHA, BHT, TBHQ		No	Yes	Yes	
Tocopherols		No	Yes	Yes	
Chocolate Derivatives (ie. cocoa)		No	Yes	Yes	
FD&C Colors		No	Yes	Yes	
Alcohol		Yes	Yes	Yes	Ethyl Alcohol
Animal or Animal Derivatives		No	Yes	Yes	
Other					

**\*Highly refined oils are exempt from allergen labeling according to FALCPA and Regulation (EU) No 1169/2011**

\*\*The line is not a dedicated line, however, effective procedures are in place to avoid cross-contamination of the product.

Form revised 12/11/14

The information provided on this and any following pages regarding our product(s) has been developed as a guide for your consideration and verification and does not constitute a legal representation or warranty. Due to differences in product formulation and operational conditions, we cannot be responsible for results in the user's plant or product.

1525 Brook Drive, Downers Grove, Illinois 60515 \* (630) 932-8100 \* 800-4-FLAVOR \* FAX (630) 932-4576

DEPARTMENT OF THE TREASURY  
United States Customs Service  
**NORTH AMERICAN FREE TRADE AGREEMENT  
CERTIFICATE OF ORIGIN**

Please print or type

19 CFR 181.11, 181.22

1. EXPORTER NAME AND ADDRESS DDA - Valley Baker's W6470 Quality Dr. Greenville, WI 54942  TAX IDENTIFICATION NUMBER:	2. BLANKET PERIOD (MM/DD/YYYY) FROM 1/1/2017 TO 12/31/2017
3. PRODUCER NAME AND ADDRESS Flavorchem Corporation 1525 Brook Drive Downers Grove, IL 60515  TAX IDENTIFICATION NUMBER: 36-2720869	4. IMPORTER NAME AND ADDRESS   TAX IDENTIFICATION NUMBER

5. DESCRIPTION OF GOODS	6. HS TARIFF CLASSIFICATION NUMBER	7. PREFERENCE CRITERION	8. PRODUCER	9. NET COST	10. COUNTRY OF ORIGIN
#93.402 - Vanilla Extract Pure (00877061)	3302.10.0000	B	Yes	No	USA

I CERTIFY THAT:

--THE INFORMATION ON THIS DOCUMENT IS TRUE AND ACCURATE AND I ASSUME THE RESPONSIBILITY FOR PROVING SUCH REPRESENTATIONS. I UNDERSTAND THAT I AM LIABLE FOR ANY FALSE STATEMENTS OR MATERIAL OMISSIONS MADE ON OR IN CONNECTION WITH THIS DOCUMENT;

--I AGREE TO MAINTAIN, AND PRESENT UPON REQUEST, DOCUMENTATION NECESSARY TO SUPPORT THIS CERTIFICATE, AND TO INFORM, IN WRITING, ALL PERSONS TO WHOM THE CERTIFICATE WAS GIVEN OF ANY CHANGES THAT COULD AFFECT THE ACCURACY OR VALIDITY OF THIS CERTIFICATE;

--THE GOODS ORIGINATED IN THE TERRITORY OF ONE OR MORE OF THE PARTIES, AND COMPLY WITH THE ORIGIN REQUIREMENTS SPECIFIED FOR THOSE GOODS IN THE NORTH AMERICAN FREE TRADE AGREEMENT, AND UNLESS SPECIFICALLY EXEMPTED IN ARTICLE 411 OR ANNEX 401, THERE HAS BEEN NO FURTHER PRODUCTION OR ANY OTHER OPERATION OUTSIDE THE TERRITORIES OF THE PARTIES; AND

--THIS CERTIFICATE CONSISTS OF 1 PAGES, INCLUDING ALL ATTACHMENTS.

11.a. AUTHORIZED SIGNATURE  	11.b. COMPANY  Flavorchem Corporation
11.c. NAME (Print or Type)  Nazli Lombardo	11.d. TITLE  Regulatory Compliance
11.e. DATE (DD/MM/YY)  27/01/17	11.f. TELEPHONE NUMBER (Voice) (630) 932-8100 (Facsimile) (630) 376-0171



December 17, 2015

## GMO STATUS REPORT

Product Code & Description	Derived from GMO Materials (Yes / No)	GM Protein/DNA in Final Product (Yes / No)	Compliant with European GM Traceability standards (EC 1829/2003 and 1830/2003) (Yes / No)
#00932906 – Almond Type Extract, Natural	Yes	No	No
#00885882 – Art. Almond Emulsion	No	No	Yes
#00905565 – Almond Flavor Imitation	Yes	No	No
#00876716 – Apple Flavor, Art.	No	No	Yes
#00885981 – Apple Flavor Emulsion	No	No	Yes
#01035189 – Flv. Extract Anise	Yes	No	No
#0104852 – Emulsion Banana Type, N&A	No	No	Yes
#00876758 – N&A Brandy Fruit Cake Emulsion	No	No	Yes
#02338863 – Flv. Btr Van Type N&A	Yes	No	No

\*Information is based on ingredient supplier documentation.



December 17, 2015

## GMO STATUS REPORT

Product Code & Description	Derived from GMO Materials (Yes / No)	GM Protein/DNA in Final Product (Yes / No)	Compliant with European GM Traceability standards (EC 1829/2003 and 1830/2003) (Yes / No)
#02304822 – Emul Btr Van N&A	Yes	No	No
#00885866 – Butter-Vanilla Type Emulsion	Yes	No	No
#00898710 – Cultured Butter Type Emul.	No	No	Yes
#00898512 – Cultured Butter Type Emulsion	No	No	Yes
#00862997 – Butterscotch Flavor Art.	Yes	No	No
#01015016 – Coconut Type Emulsion N&A	Yes	No	No
#01167528 – Espresso Flv.	Yes	No	No
#23.0034 – Natural Egg Shade	No	No	Yes
#02347161 – Col Fill Red Nat.	No	No	Yes

\*Information is based on ingredient supplier documentation.



December 17, 2015

## GMO STATUS REPORT

Product Code & Description	Derived from GMO Materials (Yes / No)	GM Protein/DNA in Final Product (Yes / No)	Compliant with European GM Traceability standards (EC 1829/2003 and 1830/2003) (Yes / No)
#00885733 – Egg Shade Color	No	No	Yes
#01073080 – Caramel Color #145	Yes	No	No
#01022996 – N&A Egg Nog Flavor	Yes	No	No
#00886038 – Honey Flavor (Natural)	Yes	No	No
#00885808 – N&A Lemon Emulsion	No	No	Yes
#01147174 – Nat. Lime Emulsion	No	No	Yes
#01116872 – Maple (N&A)	Yes	No	No
#01304154 – Beef Type Pwd. Nat.	Yes	No	No
#00922676 – Pumpkin Pie Fl.	Yes	No	No

\*Information is based on ingredient supplier documentation.



December 17, 2015

## GMO STATUS REPORT

Product Code & Description	Derived from GMO Materials (Yes / No)	GM Protein/DNA in Final Product (Yes / No)	Compliant with European GM Traceability standards (EC 1829/2003 and 1830/2003) (Yes / No)
#00876948 – Nat. Peppermint Extract	Yes	No	No
#00863028 – Crème De Menthe Emulsion, Nat.	No	No	Yes
#01138090 – Pistachio Emulsion N&A	No	No	Yes
#00956451 – Orange Extract, Nat.	Yes	No	No
#00885791 – Orange Emulsion (N&A)	No	No	Yes
#00898661 – Raspberry	No	No	Yes
#00863044 – Rum Extract, Art.	Yes	No	No
#01132977 – Flv. Jamaica Rum	Yes	No	No
#02356675 – Seas. Sriracha Nat.	Yes	No	No

\*Information is based on ingredient supplier documentation.





December 17, 2015

## GMO STATUS REPORT

Product Code & Description	Derived from GMO Materials (Yes / No)	GM Protein/DNA in Final Product (Yes / No)	Compliant with European GM Traceability standards (EC 1829/2003 and 1830/2003) (Yes / No)
#01092147 – Strawberry Flavor N&A	No	No	Yes
#00885741 – Strawberry Emulsion Art.	No	No	Yes
#01374587 – Flv. Van. Art. PwD.	Yes	No	No
#01174573 – Vanilla Imit. 6X	Yes	No	No
#00877061 – Vanilla Extract Pure	Yes	No	No
#00885874 – Vanilla Fl. Imitation 16-Fold	No	No	Yes
#00906787 – Vanilla Emulsion Imitation	Yes	No	No

\*Information is based on ingredient supplier documentation.



The undersigned, FLAVORCHEM CORPORATION (Seller), hereby guarantees that the article comprising each shipment or other delivery hereafter shipped or delivered by it to, or on the order of:

**Valley Bakers Association**

**W6470 Quality Drive**

**Greenville, WI, 54942**

(Buyer) is, as of the date of such shipment or delivery, to be, on such date, not adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act, and not an article which may not, under the provisions of Section 404 or 505 of the act, be introduced into interstate commerce.

This is a continuing guarantee, subject to revocation upon your receipt of written notice thereof.

**FLAVORCHEM CORPORATION**

**Kenneth Malinowski**  
**President**

DATE: January 30, 2015

Flavorchem Corporation  
POL#5.2.002 Continuing Guarantee

**CORPORATE HEADQUARTERS**  
(800) 4-FLAVOR  
1525 Brook Drive  
Downers Grove, IL 60515  
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[www.flavorchem.com](http://www.flavorchem.com)



## Explanation of Lot Coding System for Flavor Products

Our system uses a seven digit number combination. This seven-digit number represents the day the product was manufactured. The first digit is the year. The second, third and fourth digits are the Julian day of the year. The last three digits are assigned to track each specific production lot.

For example, the first lot on the first day of 2015 would have been 5001001.

Information about a particular product is available by using the lot number as a reference number. The lot number can be found on the bottom, middle section of the product label.

Reformatted: 1/1/15

**DOC#2.12.006**

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## Product Data Sheet

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**PRODUCT:** Vanilla Extract Pure 1GA (93.402)

**ITEM NUMBER:** 00877061

**UPC:**

**SHELF LIFE:** 730 Days

**STORAGE CONDITIONS:** Abmient (60-85 Deg. F.)

**KOSHER:** Pareve

### CASE INFORMATION

**TARE WGT:** 1.86 lb. 1 x 1 gallon jug

**GROSS WGT:** 10.27 lb.

**NET WGT:** 8.41 lb.

**CASE DIMENSIONS** 13"L x 7"W x 7H"

**CASE CUBE (CU FT):** 0.36

### ITEM INFORMATION

**TARE WGT:** 0.25 lb

**GROSS WGT:** 8.66 lb

**ITEM DIMENSIONS:** 6 1/8" (diameter) x 11 3/4" H

**PALLET SIZE:** 48 x 40 H

**PALLET STACK:** 36 x 4

**LOT CODING  
EXPLANTION:** Please see attached lot code explanation.

**LAST DATE REVISED:** \_\_\_\_\_



# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

## 1 Identification

- **Product identifier**
- **Trade name:** PURE VANILLA EXTRACT 1-FOLD
- **Article number:** 93.402
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
 Flavorchem Corporation  
 1525 Brook Drive  
 Downers Grove, IL 60515  
 USA  
 800.435.2867
- **Information department:** Regulatory department
- **Emergency telephone number:**  
 During normal opening times: Call Chemtrec Day or Night  
 Domestic North America 800.424.9300/International 703.527.3887 (Collect calls accepted)

## 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS02 Flame

Flam. Liq. 3 H226 Flammable liquid and vapor.

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GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

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Eye Irrit. 2B H320 Causes eye irritation.

---

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



GHS02 GHS07

- **Signal word** Warning

(Contd. on page 2)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 1)

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

*ethyl alcohol*

· **Hazard statements**

*Flammable liquid and vapor.*

*Causes skin and eye irritation.*

*May cause respiratory irritation.*

· **Precautionary statements**

*Keep away from heat/sparks/open flames/hot surfaces. No smoking.*

*Use explosion-proof electrical/ventilating/lighting/equipment.*

*Avoid breathing dust/fume/gas/mist/vapors/spray*

*Wear protective gloves / eye protection / face protection.*

*Ground/bond container and receiving equipment.*

*Use only non-sparking tools.*

*Take precautionary measures against static discharge.*

*Wash thoroughly after handling.*

*Use only outdoors or in a well-ventilated area.*

*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.*

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

*Continue rinsing.*

*Specific treatment (see on this label).*

*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*

*Call a POISON CENTER/doctor if you feel unwell.*

*If skin irritation occurs: Get medical advice/attention.*

*If eye irritation persists: Get medical advice/attention.*

*In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.*

*Take off contaminated clothing and wash it before reuse.*

*Store locked up.*

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

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

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



*Health = 1*

*Fire = 3*

*Reactivity = 0*

· **HMIS-ratings (scale 0 - 4)**



*Health = 1*

*Fire = 3*

*Reactivity = 0*

(Contd. on page 3)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/27/2017

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**Trade name: PURE VANILLA EXTRACT 1-FOLD**



(Contd. of page 2)

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

64-17-5	ethyl alcohol	25-50%
	 Flam. Liq. 2, H225;  Skin Irrit. 2, H315; STOT SE 3, H335; Eye Irrit. 2B, H320	
57-50-1	sucrose, pure	10-<25%

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.
- **Information for 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**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.

US

(Contd. on page 4)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 3)

## 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**  
Dilute with plenty of water.  
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).  
Ensure adequate ventilation.
- **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

- **Handling:**
- **Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:**  
Keep ignition sources away - Do not smoke.  
Protect from heat.  
Protect against electrostatic charges.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep receptacle tightly sealed.  
Protect from heat and direct sunlight.
- **Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 5)

US



# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 4)

· **Control parameters**

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

**64-17-5 ethyl alcohol**

PEL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

REL Long-term value: 1900 mg/m<sup>3</sup>, 1000 ppm

TLV Short-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

**57-50-1 sucrose, pure**

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

REL Long-term value: 10\* 5\*\* mg/m<sup>3</sup>  
\*total dust \*\*respirable fraction

TLV Long-term value: 10 mg/m<sup>3</sup>

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

· **Exposure controls**

· **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.

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

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **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.

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**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 5)

· **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

## 9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:**

Fluid

**Color:**

According to product specification

· **Odor:**

Characteristic

· **Odor threshold:**

Not determined.

· **pH-value:**

Not determined.

· **Change in condition**

**Melting point/Melting range:**

Undetermined.

**Boiling point/Boiling range:**

Undetermined.

· **Flash point:**

26 °C (79 °F)

Not applicable.

· **Flammability (solid, gaseous):**

Not applicable.

· **Ignition temperature:**

**Decomposition temperature:**

Not determined.

· **Auto igniting:**

Product is not selfigniting.

· **Danger of explosion:**

Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

· **Explosion limits:**

**Lower:**

Not determined.

**Upper:**

Not determined.

· **Vapor pressure:**

Not determined.

· **Density at 20 °C (68 °F):**

1.0087 g/cm<sup>3</sup> (8.418 lbs/gal)

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# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

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- |                           |                        |
|---------------------------|------------------------|
| · <b>Relative density</b> | <i>Not determined.</i> |
| · <b>Vapor density</b>    | <i>Not determined.</i> |
| · <b>Evaporation rate</b> | <i>Not determined.</i> |

- |  |                        |
|--|------------------------|
| · <b>Solubility in / Miscibility with Water:</b> | <i>Fully miscible.</i> |
|--|------------------------|

- |   |                        |
|---|------------------------|
| · <b>Partition coefficient (n-octanol/water):</b> | <i>Not determined.</i> |
|---|------------------------|

- |                     |                        |
|---------------------|------------------------|
| · <b>Viscosity:</b> |                        |
| <b>Dynamic:</b>     | <i>Not determined.</i> |
| <b>Kinematic:</b>   | <i>Not determined.</i> |

- |                           |                               |
|---------------------------|-------------------------------|
| · <b>Solvent content:</b> |                               |
| <b>Organic solvents:</b>  | <i>31.1 %</i>                 |
| <b>Water:</b>             | <i>46.7 %</i>                 |
| <b>VOC content:</b>       | <i>31.1 %</i>                 |
|                           | <i>313.4 g/l / 2.62 lb/gl</i> |

- |                            |   |
|----------------------------|---|
| <b>Solids content:</b>     | <i>15.8 %</i>                                     |
| · <b>Other information</b> | <i>No further relevant information available.</i> |

### 10 Stability and reactivity

- **Reactivity** *No further relevant information available.*
- **Chemical stability**
- **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:** *No further relevant information available.*
- **Hazardous decomposition products:** *No dangerous decomposition products known.*

### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *Irritant to skin and mucous membranes.*
- **on the eye:** *Irritating effect.*
- **Sensitization:** *No sensitizing effects known.*

(Contd. on page 8)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 7)

· **Additional toxicological information:**

*The product shows the following dangers according to internally approved calculation methods for preparations:*

*Irritant*

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

64-17-5	ethyl alcohol	1
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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.*

## 12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** *No further relevant information available.*

· **Persistence and degradability** *No further relevant information available.*

· **Behavior in environmental systems:**

· **Bioaccumulative potential** *No further relevant information available.*

· **Mobility in soil** *No further relevant information available.*

· **Additional ecological information:**

· **General notes:**

*Water hazard class 1 (Self-assessment): slightly hazardous for water*

*Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.*

· **Results of PBT and vPvB assessment**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

· **Other adverse effects** *No further relevant information available.*

## 13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

*Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

· **Uncleaned packagings:**

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

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# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 8)

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

## 14 Transport information

· **UN-Number**

· **DOT, IMDG, IATA**

UN1197

· **UN proper shipping name**

· **DOT**

Extracts, flavoring, liquid mixture

· **IMDG, IATA**

EXTRACTS, FLAVOURING, LIQUID mixture

· **Transport hazard class(es)**

· **DOT**



· **Class**

3 Flammable liquids

· **Label**

3

· **IMDG, IATA**



· **Class**

3 Flammable liquids

· **Label**

3

· **Packing group**

· **DOT, IMDG, IATA**

III

· **Environmental hazards:**

· **Marine pollutant:**

No

· **Special precautions for user**

Warning: Flammable liquids

· **Danger code (Kemler):**

30

· **EMS Number:**

F-E,S-D

· **Stowage Category**

A

· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

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# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 9)

**· Transport/Additional information:**

**· DOT**

**· Quantity limitations**

On passenger aircraft/rail: 60 L

On cargo aircraft only: 220 L

**· IMDG**

**· Limited quantities (LQ)**

5L

**· Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**· UN "Model Regulation":**

UN 1197 EXTRACTS, FLAVORING, LIQUID MIXTURE, 3, III

## 15 Regulatory information

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

**· Sara**

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

None of the ingredients is listed.

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

None of the ingredients is listed.

**· TSCA (Toxic Substances Control Act) (Substances not listed):**

All ingredients are 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:**

64-17-5 ethyl alcohol

**· Carcinogenic categories**

**· EPA (Environmental Protection Agency)**

None of the ingredients is listed.

(Contd. on page 11)

# Safety Data Sheet

acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 10)

· **TLV (Threshold Limit Value established by ACGIH)**

64-17-5	ethyl alcohol	A3
57-50-1	sucrose, pure	A4

· **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**



GHS02 GHS07

· **Signal word** Warning

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

ethyl alcohol

· **Hazard statements**

Flammable liquid and vapor.

Causes skin and eye irritation.

May cause respiratory irritation.

· **Precautionary statements**

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

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

Continue rinsing.

Specific treatment (see on this label).

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Call a POISON CENTER/doctor if you feel unwell.

If skin irritation occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

In case of fire: Use for extinction: CO<sub>2</sub>, powder or water spray.

Take off contaminated clothing and wash it before reuse.

Store locked up.

(Contd. on page 12)

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 01/27/2017

Reviewed on 12/05/2016

**Trade name: PURE VANILLA EXTRACT 1-FOLD**

(Contd. of page 11)

*Store in a well-ventilated place. Keep container tightly closed.*

*Store in a well-ventilated place. Keep cool.*

*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

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

*H225 Highly flammable liquid and vapor.*

*H315 Causes skin irritation.*

*H320 Causes eye irritation.*

*H335 May cause respiratory irritation.*

· **Department issuing SDS:** Regulatory department

· **Contact:** Stacie Obman

· **Date of preparation / last revision** 01/27/2017 / -

· **Abbreviations and acronyms:**

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*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)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*NIOSH: National Institute for Occupational Safety*

*OSHA: Occupational Safety & Health*

*TLV: Threshold Limit Value*

*PEL: Permissible Exposure Limit*

*REL: Recommended Exposure Limit*

*Flam. Liq. 2: Flammable liquids – Category 2*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Irrit. 2B: Serious eye damage/eye irritation – Category 2B*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*



Signed: \_\_\_\_\_

## DOC#2.13.001 Flavorchem Emergency Contact List

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