

# SAFETY DATA SHEET

SDS

DATE: 7/29/2016

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME: — Bakers Dozen Vape Flavoring  
SYNONYMS: Flavoring

MANUFACTURER: Steam Distribution LLC.  
ADDRESS: 3671 Walnut Ave., Chino, CA 91760  
PHONE: 909-522-3007  
CHEMTREC PHONE: 800-424-9300  
INTERNATIONAL PHONE: 703-741-5500  
CHEMICAL NAME: Flavor Blend.  
CHEMICAL FAMILY: N/A  
CHEMICAL FORMULA: NA

PRODUCT USE: Raw Material for compounding vape liquid. Use in accordance with supplier's recommendations.

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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**INGREDIENT:** Flavors, Propylene Glycol.

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
57-55-6	10	10	Propylene Glycol
TRADE SECRET	90	90	Flavor

Classification: DSD: Xn;R22, Xi;R36, R43, R52/53  
CLP: Acute Tox. 4;G302, Skin Sens. 1;H317, Eye Irrit. 2;G319, Aquatic  
Chronic 3;H412

DSP = Directive 67/548/EEC

CLP= Regulation No. 1272/2008

COMPOSITION COMMENTS: The full text for all R- and H-phrases is displayed in section 16.

	<u>ppm</u>	<u>mg/m3</u>
OSHA PEL-TWA:	NA	
OSHA PEL STEL :	NA	
OSHA PEL CEILING:	NA	
ACGIH TLV-TWA:	NA	
ACGIH TLV STEL:	NA	
ACGIH TLV CEILING:	NA	

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## SECTION 3: HAZARDS IDENTIFICATION

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**EMERGENCY OVERVIEW:** This product is NOT HAZARDOUS in accord with OSHA Communication Standard, 29CFR1910.1200. This product is not hazardous under the Department of Labor definitions. It is Generally Recognized as Safe (GRAS) under the Food, Drug and Cosmetic Act.

Classification according to Directive 67/548/EEC or 1999/45/EC as amended.

This preparation does not meet the criteria for classification according to Directive 1999/45/EC as amended.

Classification according to Regulation (EC) No 1272/2008 as amended.

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

ROUTES OF ENTRY: orally

### POTENTIAL HEALTH EFFECTS

EYES: May irritate eyes

SKIN: May irritate skin

INGESTION: May cause severe irritation if swallowed

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INHALATION: NA

ACUTE HEALTH HAZARDS: NA  
CHRONIC HEALTH HAZARDS: NA

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May irritate open sores or wounds. May cause allergic response.

PRECAUTIONARY STATEMENTS: Observe good industrial hygiene practices. Wash hands after handling.

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CARCINOGENICITY NA  
OSHA: ACGIH: NTP: IARC:  
OTHER:

SECTION 3 NOTES:

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Remove contact lenses. Irrigate eyes with a heavy stream of water for at least 15 minutes or until irritation subsides. If material is hot, treat for thermal burns and seek medical attention.

**SKIN:** No adverse affects are expected unless victim is allergic to ingredients. If irritation occurs, wash area with soap and water. Remove contaminated clothing.. If irritation persists seek medical attention.

**INGESTION:** Rinse mouth. Do not induce vomiting due to aspiration hazard. If an allergic reaction occurs from the flavors, seek medical attention.

**INHALATION:** If adverse effects due to inhalation of vapors are noticed, remove victim from vicinity. Call physician if symptoms persist.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:** The pH is low but will be raised with the use of soap. The flavors may affect someone with food allergies.

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## SECTION 5: FIRE-FIGHTING MEASURES

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FLAMMABLE LIMITS IN AIR, UPPER: NA  
(% BY VOLUME) LOWER: NA

FLASH POINT:

F: 320°F

C: 160°C

METHOD USED: Closed Cup

AUTOIGNITION TEMPERATURE:

F: NA

C: NA

NFPA HAZARD CLASSIFICATION

HEALTH: 0

FLAMMABILITY: 1

REACTIVITY: 0

OTHER: 0

EXTINGUISHING MEDIA: CO<sub>2</sub>

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

HAZARDOUS DECOMPOSITION PRODUCTS: None

SECTION 5 NOTES:

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES: Spills may be cleaned with hot soap and water. Avoid discharge into drains, water courses or onto the ground.

SECTION 6 NOTES: Dispose of product that has been contaminated in a spill according to local regulations.

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## SECTION 7: HANDLING AND STORAGE

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HANDLING AND STORAGE: Avoid Prolonged Exposure. Store in cool dry conditions.

CONDITIONS FOR SAFE STORAGE: Store in original, tightly closed container.

SECTION 7 NOTES:

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### 8.1. Control parameters

#### Occupational exposure limits

Croatia. Dangerous Substance Exposure Limit Values in the Workplace (ELVs), Annexes 1 and 2, Narodne Novine, 13/09

Components	Type	Value	Form
TRADE SECRET			
Ireland. Occupational Exposure Limits	MAC	10 mg/m3 150 ppm	
Components	Type	Value	Form
TRADE SECRET	TWA	470 mg/m3 10 mg/m3 150 ppm	Total vapour and particulates. Particulate. Total vapour and particulates.

Latvia. OELs. Occupational exposure limit values of chemical substances in work environment

Components	Type	Value
TRADE SECRET	TWA	7 mg/m3

Lithuania. OELs. Limit Values for Chemical Substances, General Requirements

Components	Type	Value
TRADE SECRET	TWA	7 mg/m3

Norway. Administrative Norms for Contaminants in the Workplace

Components	Type	Value
TRADE SECRET	TLV	79 mg/m3 25 ppm

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value	Form
TRADE SECRET	TWA	474 mg/m3 10 mg/m3 150 ppm	Total vapour and particulates. Particulate. Total vapour and particulates.

8.2: BIOLOGICAL LIMIT VALUES: No biological exposure limits noted for the ingredient(s).

Recommended monitoring: Follow standard monitoring procedures.

(PNECs) Not available.

DNEL) Not available. Predicted no effect concentrations

ENGINEERING CONTROLS: Individual protection measures, such as personal protective equipment General information  
Eye/face protection Skin protection - Hand protection - Other Respiratory protection

VENTILATION : Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to

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maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**RESPIRATORY PROTECTION:** Thermal hazards Hygiene measures Environmental exposure Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**EYE PROTECTION:** Wear safety glasses with side shields (or goggles)..

**SKIN PROTECTION:** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear suitable protective clothing

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate thermal protective clothing, when necessary.

**WORK HYGIENIC PRACTICES:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**EXPOSURE GUIDELINES:** Environmental manager must be informed of all major releases.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Clear Pale Yellow Liquid

**ODOR:** Fruity

**PHYSICAL STATE:** liquid

**pH AS SUPPLIED:** NA

**pH (Other):** NA

**BOILING POINT:**

C: 210

F: 410

**MELTING POINT:**

F: NA

C: NA

**FREEZING POINT:**

F: NA

C: 0

**VAPOR PRESSURE (mmHg):**

@

F: NA

C: NA

**VAPOR DENSITY (AIR = 1):**

@

F: NA

C: NA

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.0340 @ 25C

**EVAPORATION RATE:** N/A

**pH:** 2.87

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

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**SOLUBILITY IN WATER:** Soluble

**PERCENT SOLIDS BY WEIGHT:** 0%

**PERCENT VOLATILE:** NA

BY WT/ BY VOL @

363°F: 100%

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184 C: 100%

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: 50% w/w

WITHOUT WATER: NA

MOLECULAR WEIGHT: NA

VISCOSITY: 356 cp @ 24 C

Rvt # 2 @ 20 rpm

SECTION 9 NOTES:

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## SECTION 10: STABILITY AND REACTIVITY

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**STABILITY:** The product is stable and non-reactive under normal conditions of use, storage and transport. Material is stable under normal conditions.

**CONDITIONS TO AVOID (STABILITY):** No dangerous reaction known under conditions of normal use.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Avoid Oxidizers.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** No known hazardous decomposition by-products.

**HAZARDOUS POLYMERIZATION:** No known hazardous polymerization.

**CONDITIONS TO AVOID (POLYMERIZATION):** Avoid temperatures above the flash point.

SECTION 10 NOTES:

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## SECTION 11: TOXICOLOGICAL INFORMATION

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TOXICOLOGICAL INFORMATION: NA

SECTION 11 NOTES:

General information:

Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure : Inhalation May cause allergy or asthma symptoms or breathing difficulties if inhaled. Prolonged inhalation may be harmful.

**Skin contact:** May cause an allergic skin reaction.

**Eye contact:** Direct contact with eyes may cause temporary irritation.

**Ingestion:** May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms:** Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects:

**Acute toxicity:** Skin corrosion/irritation

**Serious eye damage:** No data available. Due to partial or complete lack of data the classification is not possible.

**Irritation Respiratory sensitization:** Due to partial or complete lack of data the classification is not possible.

**Skin sensitisation Germ cell mutagenicity:** Due to partial or complete lack of data the classification is not possible.

**Carcinogenicity:** Due to partial or complete lack of data the classification is not possible.

**Reproductive toxicity:** Specific target organ toxicity - single exposure Specific target organ toxicity - Due to partial or complete lack of data the classification is not possible.

Based on available data, the classification criteria are not met.

**Repeated exposure Aspiration hazard:** Due to partial or complete lack of data the classification is not possible.

**Mixture versus substance :** No information available.

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Other information: May cause allergic respiratory and skin reactions.

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## SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Biodegradable

SECTION 12 NOTES: Soluble in water, may penetrate the soil. Harmful to aquatic environments.

12.1. Toxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence and No data is available on the degradability of this product. degradability

12.3. Bioaccumulative potential Partition coefficient n-octanol/water (log Kow) TRADE SECRET 1,37 Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil 12.5. Results of PBT No data available. Not available. and vPvB assessment

12.6. Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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## SECTION 13: DISPOSAL CONSIDERATIONS

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Follow local guidelines.

### SECTION 13 NOTES:

13.1. Waste treatment methods Residual waste Contaminated packaging EU waste code Disposal methods/information Special precautions Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. The Waste code should be assigned in discussion between the user, the producer and the waste disposal company. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.

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## SECTION 14: TRANSPORT INFORMATION

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### U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Glycol Mix  
HAZARD CLASS: NA  
ID NUMBER: NA  
PACKING GROUP: NA  
LABEL STATEMENT: NA

### WATER TRANSPORTATION

PROPER SHIPPING NAME: Glycol Mix  
HAZARD CLASS: NA  
ID NUMBER: NA  
PACKING GROUP: NA  
LABEL STATEMENTS: NA

### AIR TRANSPORTATION

PROPER SHIPPING NAME: Glycol Mix  
HAZARD CLASS: NA  
ID NUMBER: NA  
PACKING GROUP: NA

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LABEL STATEMENTS: NA

## OTHER AGENCIES:

ADR Not regulated as dangerous goods.

RID Not regulated as dangerous goods.

ADN Not regulated as dangerous goods.

IATA Not regulated as dangerous goods.

IMDG Not regulated as dangerous goods.

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

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## SECTION 15: REGULATORY INFORMATION

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I, as amended Not listed.

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex II, as amended Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1 as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2 as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3 as amended Not listed.

Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V as amended Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA Not listed. Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended Not listed.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed. Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended Not listed.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding, as amended Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended Not listed.

Directive 94/33/EC on the protection of young people at work, as amended Not listed.

Other regulations

National regulations

15.2. Chemical safety The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006. Follow national regulation for work with chemical agents.

No Chemical Safety Assessment has been carried out.

## U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): No Regulations

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): No Regulations

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): No Regulations

311/312 HAZARD CATEGORIES: No Hazard Category

313 REPORTABLE INGREDIENTS: No Reportable Ingredients

STATE REGULATIONS: No State Regulations

INTERNATIONAL REGULATIONS: Unknown

SECTION 15 NOTES:

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## SECTION 16: OTHER INFORMATION

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## OTHER INFORMATION:

List of abbreviations Not available.

References Information on evaluation method leading to the classification of mixture Full text of any statements or R-phrases and H-statements under Sections 2 to 15 Revision information Not available.

## PREPARATION INFORMATION:

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

R22 Harmful if swallowed.

R36 Irritating to eyes.

R43 May cause sensitisation by skin contact.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

## Training information Disclaimer:

This document has undergone significant changes and should be reviewed in its entirety. Follow training instructions when handling this material.

## DISCLAIMER:

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