

## **MATERIAL SAFETY DATA SHEET**

McKnight Standard LLC

Flavorah

PO Box 2624 Woodinville, WA Information: 1 (844) 358-8273

**Emergency**: For Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night Within USA and

Canada: 1-800-424-9300

**SECTION 1: IDENTIFICATION** 

Recommended Use: Not for personal use in this form. Flavoring intended for further processing in the

E-Cigarette Industry.

#### **SECTION 2: HAZARD IDENTIFICATION**

#### Classification of the substance or mixture

Flammable Liquids

Category 1

Signal Word

DANGER





## **Hazard Statements**

H226 Flammable Liquid and Vapor

H373 May cause damage to organs through prolonged or repeated exposure

**Precautionary Statements** 

P210 Keep away from heat/sparks/open flames/hot surfaces. No Smoking
P280 Wear protective gloves/protective clothing/eye protection/face protection
P303+P361+P353 If on skin (or hair): Remove immediately all contaminated clothing. Rinse

skin with water/shower

P370+P378 In case of fire use appropriate fire extinguishers for fire control. P403+P233 Store in a well-ventilated place. Keep container tightly closed.

Other hazards OSHA HCS 2012

WARNING: CONTAINS VOLATILE FLAVORING CHEMICALS; BREATHING THESE CHEMICALS IN THE WORKPLACE

MAY LEAD TO SEVERE LUNG DAMAGE

#### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

Mixtue of aromatic substances.

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Chemical Name	CAS Number	% Weight
BENZALDEHYDE	100-52-7	<1%
ETHYL ACETATE	141-78-6	1-3%
ETHYL ALCOHOL	64-17-5	37-43%

See Section 11 for Toxicological Information.

#### **SECTION 4: FIRST AID MEASURES**

**Description of first aid measures** 

Inhalation: Move victim to fresh air. Individuals showing evidence of inhalation exposure should be taken to an

uncontaminated area. Obtain medical attention immediately.

Eyes: Irrigate the eyes with water for at least 20 minutes; obtain medical attention if irritation persists.

Skin: Remove contaminated clothing. Wash skin with large volumes of water. If irritation persists seek medical

attention.

**In the event of accidental ingestion**, rinse mouth with water. Give up to half a pint of milk or water.

Obtain medical attention immediately.

Most important symptoms and effects, both acute and delayed

No information available on the product itself

Indication of any immediate medical attention and special treatment needed

None known

## **SECTION 5: FIRE FIGHTING MEASURES**

Extinguishing media

Suitable Extinguishing Media Regular foam, carbon dioxide, dry

chemical

Avoid inhalation of smoke and fumes

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards Closed containers may build up pressure if exposed to heat. Vapors form explosive

mixtures with air and may travel to a source of ignition and flash back.

Advice for Firefighters No specific advice

# SECTION 6: ACCIDENTAL RELEASE MEASURES Personal precautions, protective equipment and emergency procedures

Personal Precautions Wear appropriate protective equipment including respiratory protection as conditions

warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid

skin contamination and avoid inhalation of vapors.

Suitable Extinguishing Media Same as above

**Environmental precautions** Avoid run-off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures Stop leak if you can do it without risk.

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SMALL SPILLS: Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Wear PPE according to section 8. LARGE SPILLS: Dike far ahead of liquid spill for later disposal. Call HAZMAT team. Spillages should be disposed of in accordance with Governmental Regulations.

**SECTION 7: HANDLING AND STORAGE** 

### Precautions for safe handling

**Handling** Avoid contact with skin and eyes.

Wear adequate hand protection, gloves, eye and face protection.

Good personal washing routines should be followed

Ensure adequate local and general ventilation where product is used.

Avoid sources of ignition; no smoking

Avoid exposure to high temperatures during processing

### Conditions for safe storage, including any incompatibilities

Storage It is best practice to store in closed, preferably full, containers away from heat sources, and

protected from extremes of temperature.

**Incompatible Materials or** 

**Ignition Sources** 

Keep away from heat, ignition sources.

#### **SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

#### **Control Parameters**

Chemical Name	CAS Number	NIOSH	
BENZALDEHYDE	100-52-7	Not Established	
ETHYL ACETATE	141-78-6	PEL - TWA 400 ppm, 1400 mg/m3	
ETHYL ALCOHOL	64-17-5	PEL - TWA 1000 ppm, 1900 mg/m3	

**Exposure Controls** 

**Engineering** Adequate ventilation systems as needed to control concentrations of airborne **Measures/Controls** contaminants. Avoid exposure to high temperature during processing.

**Personal Protective Equipment** 

**Respiratory** Breathing of vapors or dust particles may be hazardous. In case of insufficient ventilation,

wear suitable NIOSH approved respiratory equipment.

**Eye/Face** Wear safety glasses

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Hands Adequate protective gloves should be worn.

Skin/Body Wear protective clothing, overall if necessary to limit the odor contamination of personal

clothing. Individual washing routines should be followed after any potential contact.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES** 

APPEARANCE SLIGHT HAZY, LIGHT BROWN, MOBILE

FLAVOR GINGER PEACH

SG  $0.935 \pm .01$  RI  $1.406 \pm .01$ 

Flashpoint (close cup) 68.0° Fahrenheit



**Pictograms** 

#### **SECTION 10: STABILITY AND REACTIVITY**

Reactivity No dangerous reaction known under conditions of normal use.

Stable under normal temperatures and pressures.

**Chemical stability** 

None Known

Possibility of hazardous

reactions

Avoid temperatures well below listed flash point for any flammable liquids

Avoid heating closed containers

Incompatible materials

Conditions to avoid

Avoid strong oxidizing agents

Hazardous decomposition

products

None Known

## **SECTION 11: TOXICOLOGICAL INFORMATION**

This mixture has not been subject to toxicological testing as an entity. According to available data on the constituents the health classification criteria are not met.

### **SECTION 12: ECOLOGICAL INFORMATION**

This has not been subjected to ecotoxicological testing as an entity. According to available data on the constituents the environmental classification criteria are not met.

## **SECTION 13: DISPOSAL CONSIDERATION**

Empty all containers until no free liquid remains. Minimize release to the environment. Dispose of according to all Governmental Regulation.

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#### **SECTION 14: TRANSPORT INFORMATION**

	UN Number	UN Shipping Name	Transport Hazard Class(es)	Packing Group
DOT	UN1197	Extracts, Flavoring, Liquid	Class 3	II
IATA/ICAO	UN1197	Extracts, Flavoring, Liquid	Class 3	11

#### **SECTION 15: REGULATORY INFORMATION**

SARA Title III: To the best of our knowledge this product contains no toxic chemicals subject to the supplier notification requirements of section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

#### **SECTION 16: OTHER INFORMATION**

**Liability** and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

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