



AMP-ZKZ

This safety data sheet complies with the requirements of  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product Name** Zkittlez Amped Up

**Issue Date** 21-May-2019 **Revision Date** 21-May-2019

**Version 2**

**1. Identification of the Substance/ Preparation and of the Company/Undertaking**

**Product Name** Zkittlez Amped Up

**Other Means of Identification**

**UN/UD no** AMP-ZKZ

**Synonym(s)** None

**Recommended use of the chemical and restrictions on use**

**Recommended Use** Industry Use

**Uses advised against** N/A

**Details of the supplier of the safety data sheet**

**Supplier Address**

Floraplex Terpenes LLC  
324 Airport Industrial Drive  
Ypsilanti, MI, 48198

**Emergency telephone number**

**Company Phone Number** Use CHEMTREC instead of emergency phone number

**Emergency Phone Number** CHEMTREC 1-800-424-9300 / 1-703-527-3887 Contract# CCN845950


**2. Hazards Identification**

**Classification**

<b>Skin corrosion/irritation</b>	Category 2
<b>Serious eye damage/eye irritation</b>	Category 2A
<b>Skin sensitization</b>	Category 1A
<b>Aspiration toxicity</b>	Category 1
<b>Flammable liquids</b>	Category 4

**Label Elements**

<b>EMERGENCY OVERVIEW</b>	<p><b>Danger - Hazard statements</b></p> <p>1) Causes skin irritation 2) Causes serious eye irritation 3) May cause an allergic skin reaction 4) May be fatal if swallowed and enters airways 5) Combustable liquid</p>
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<b>Appearance</b> Clear	<b>Physical State</b> Liquid	<b>Odor</b> Characteristic Odor

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace. Keep away from heat/sparks/open flames/hot surfaces. - NO SMOKING - Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/.?/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/eye protection/face protection.

**Precautionary Statements - Response**

Specific treatment (see.? on this label).

**IF IN EYES:** 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. If skin irritation or rash occurs: Get medical advice/attention. **IF ON SKIN (or hair):** Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. **IF SWALLOWED:** Immediately call a POISON CENTER or doctor. - DO NOT induce vomiting - . **IN CASE OF FIRE:** Use CO2, dry chemical, or foam to extinguish.

**Precautionary Statements - Storage**

Store locked up. Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

**Other Information**

- May be harmful in contact with skin
- Toxic to aquatic life with long lasting effects.
- Toxic to aquatic life.

92.22762% of the mixture consists of ingredient(s) of unknown toxicity.

**3. Composition/information on Ingredients**

\* 100% of the composition has been withheld as a trade secret.

**4. First Aid Measures**

**Description of first aid measures**

**Eye Contact** Rinse thoroughly with plenty of water for ~15 min, lifting lower and upper eyelids. Consult with a physician.

**Skin Contact** Wash skin with soap and water. Wash off immediately with plenty of water. Wash contaminated clothing before reuse. Consult with a physician if necessary.

**Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. Move to fresh air in case of accidental inhalation of vapors. If not breathing, give artificial respiration.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do not induce vomiting without medical advice. Consult with a physician if necessary.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** N/A

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. Fire-Fighting Measures**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

**Specific hazards arising from the chemical**

Combustible material.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to Mechanical Impact** None

**Sensitivity to Static Discharge** None

**Special protective actions for fire-fighters**

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas. Avoid contact with skin, eyes and inhalation of vapors. Wear protective gloves/protective clothing and eye/face protection. Wash thoroughly after handling.

**Environmental precautions**

**Environmental precautions** See section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. Handling and Storage**

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or mists. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling. When using do not eat, drink or smoke

**Conditions for safe storage, including any incompatibilities**

**Storage conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep locked up and out of reach of children.

**Incompatible materials** None known based on information supplied.

**8. Exposure Controls / Personal Protection**

**Control parameters**

**Exposure guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
beta-Pinene 127-91-3	TWA:20 ppm	--	--
alpha-Pinene 80-56-8	TWA:20 ppm	--	--
Ethyl acetate 141-78-6	TWA:400 ppm	TWA:400 ppm   TWA 1400 mg/m <sup>3</sup> Vacated TWA:400 ppm   Vacated TWA 1400 mg/m <sup>3</sup>	IDLH: 2000 ppm   TWA: 400 ppm TWA: 1400 mg/m <sup>3</sup>
delta-3-Carene 13466-78-9	TWA:20 ppm	--	--
Isoamyl alcohol 123-51-3	STEL: 125 ppm   TWA:100 ppm	TWA:100 ppm   TWA 360 mg/m <sup>3</sup> (vacated) TWA:100 ppm (vacated) TWA 360 mg/m <sup>3</sup> (vacated) TWA:125 ppm (vacated) TWA 450 mg/m <sup>3</sup>	IDLH: 500 ppm   TWA: 100 ppm TWA: 360 mg/m <sup>3</sup>   STEL: 125 ppm STEL: 450 mg/m <sup>3</sup>

**Appropriate engineering controls**

**Engineering controls**

Showers, Eyewash stations, Ventilation systems

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/Face Protection**

Wear safety glasses with side shields (or goggles). Avoid contact with eyes

**Skin and Body Protection**

Avoid contact with skin. Wear protective gloves and protective clothing.

**Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations. Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations**

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. When using do not eat, drink or smoke. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Regular cleaning of equipment, work area and clothing is recommended. Avoid breathing (dust, vapor, mist, gas).

**9. Physical and Chemical Properties**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid	<b>Odor</b>	Characteristic Odor
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	N/A
<b>Color</b>	Pale Yellow		

**Property**

<b>pH</b>	N/A	<b>Vapor Pressure</b>	N/A
<b>Melting point/Freezing point</b>	N/A	<b>Vapor Density</b>	N/A
<b>Boiling point/ Boiling range</b>	N/A	<b>Water Solubility</b>	N/A
<b>Flash point</b>	62.8° C / 145.1° F	<b>Solubility in other solvents</b>	N/A
<b>Evaporation Rate</b>	N/A	<b>Partition coefficient</b>	N/A
<b>Flammability (solid, gas)</b>	N/A	<b>Autoignition Temperature</b>	N/A

**Flammability Limit in Air**

Upper flammability limit: N/A  
Lower flammability limit: N/A

**Remarks - Method**

<b>Decomposition temperature</b>	N/A
<b>Kinematic viscosity</b>	N/A
<b>Dynamic viscosity</b>	N/A
<b>Explosive properties</b>	N/A
<b>Oxidizing properties</b>	N/A

**Other Information**

<b>Softening point</b>	N/A
<b>Molecular weight</b>	N/A
<b>VOC content (%)</b>	N/A
<b>Density</b>	N/A
<b>Bulk Density</b>	N/A

**10. Stability and Reactivity**

No data available

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	None under normal processing.
<b>Conditions to Avoid</b>	Extremes of temperature and direct sunlight.
<b>Incompatible Materials</b>	None known based on information supplied.
<b>Hazardous Decomposition Products</b>	None known based on information supplied.

**11. Toxicological Information**

**Information on likely routes of exposure**

**Product information**

<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Eye Contact</b>	Avoid contact with eyes. Causes serious eye irritation.
<b>Skin Contact</b>	Avoid contact with skin. Irritating to skin. May cause an allergic skin reaction.
<b>Ingestion</b>	May be harmful if swallowed. Potential for aspiration if swallowed.

**Information on toxicological effects**

<b>Symptoms</b>	No information available.
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**Delayed and immediate effects as well as chronic effects from short and long-term exposure.**

<b>Skin corrosion/irritation</b>	Irritating to skin
<b>Serious eye damage/eye irritation</b>	Causes serious eye irritation.
<b>Sensitization</b>	May cause sensitization by skin contact.
<b>Germ cell mutagenicity</b>	Not classified.
<b>Carcinogenicity</b>	The table below indicates whether each agency has listed any ingredient as carcinogen.

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Chemical Name	ACGIH	IARC	NTP	OSHA
d-Limonene 5989-27-5		Group 2A, Group 3		✓
Myrcene 123-35-3		Group 2B		✓
Eugenol 97-53-0		Group 3		

**Reproductive toxicity** This product does not contain any known or suspected reproductive hazards above the threshold value.

**STOT - single exposure** Not classified

**STOT - repeated exposure** Not classified

**Aspiration Hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity – Product Information**

**Unknown acute toxicity** 92.22762% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document

**12. Ecological Information**

This product contains a chemical which is listed as a severe marine pollutant according to DOT.

**Eco-toxicity**

Toxic to aquatic life with long lasting effects.

38.2409% of the mixture consists of component(s) of unknown hazards to the aquatic environment.

**Persistence and degradability**

No information available

**Bioaccumulation**

No information available

**Other adverse effects**

No information available

**13. Disposal Considerations**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D series wastes	RCRA - U series wastes
Ethyl acetate 141-78-6		Included in waste stream: F039		U112

14. Transportation Information

DOT

UN/ID no 3082
Proper Shipping Name Environmentally Hazardous Substance, Liquid, n.o.s.
Hazard Class 9
Packaging Group III
Marine Pollutant This product contains a chemical which is listed as a marine pollutant according to DOT (Limonene).

15. Regulatory Information

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard No
Fire Hazard No
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substance regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substance regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Super-fund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

Table with 4 columns: Chemical Name, Hazardous Substances RQs, CERCLA/SARA RQ, Reportable Quantity (RQ). Rows include Ethyl acetate and Isobutyl acetate with their respective RQ values.

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**US State Regulations**

U.S. State Right-to-Know Regulations

This product contains substance(s) regulated by state right-to-know regulations

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<b>Chemical Name</b>	<b>NJ</b>	<b>MA</b>	<b>PA</b>	<b>RI</b>
Ethyl Butyrate <sup>105-54-4</sup>	✓	✓	✓	
alpha-Pinene <sup>80-56-8</sup>	✓	✓	✓	
Ethyl Acetate <sup>141-78-6</sup>	✓	✓	✓	
Borneol <sup>507-70-0</sup>	✓	✓	✓	
Ethyl Propionate <sup>105-37-3</sup>	✓	✓	✓	
Ethyl Caproate <sup>123-66-0</sup>	✓	✓	✓	
Terpinolene <sup>586-62-9</sup>	✓			
Isoamyl alcohol <sup>123-51-3</sup>	✓	✓	✓	
cis-3-Hexenol <sup>928-96-1</sup>			✓	
para-Cymene <sup>99-87-6</sup>		✓	✓	
Isopropyl butyrate <sup>638-11-9</sup>	✓			
Ethyl isobutyrate <sup>97-62-1</sup>	✓	✓	✓	

**U.S. EPA Label Information**

**EPA Pesticide registration number** N/A

**16. Other Information**

**Issue date** 21-May-2019

**Revision date** 21-May-2019

**Revision note** No information available

**Disclaimer**

This material has not been tested or proven safe for inhalation. With this document, Floraplex Terpenes LLC only attests to the safety of the product when used in the appropriate and suitable fragrance/flavor industry application.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Classification and labeling according to the IFRA/IOFI Labeling Manual 2018.

**End of Safety Data Sheet**