OSHA HazCom Standard 29 CFR 1910.1200(g) revised in 2024 and GHS Rev 07.

Date of issue: 12/02/2025 Reviewed on 12/02/2025

1 Identification

· Product identifier

· Trade name: BERRY BAGS · Other means of identification

· Product number: 2030

· Product Description: Berry-scented beads in a bag.

· Details of the supplier of the safety data sheet

Manufacturer/Supplier:
ATCO Iternational
1401 Barclay Circle SE
Marietta, GA 30060

800-723-2826 / 770-424-7550 **Emergency telephone number:**

ChemTel/VelocityEHS (24 hours / 7 days a week)

US and Canada 1 (800) 255-3924 International: +01 (813) 248-0584

^{*} 2 Hazard(s) identification

· Classification of the substance or mixture



Acute toxicity - oral 4 H302 Harmful if swallowed.

Sensitization - skin 1 H317 May cause an allergic skin reaction.

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



GHS07

- · Signal word Warning
- · Hazard-determining components of labeling:

BENZYL BENZOATE

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)

HEXYL CINNAMAL

HEXYL SALICYLATE

alpha-Amylcinnamaldehyde

alpha-Amyl trans-Cinnamaldehyde

di-Citronellol

· Hazard statements

Harmful if swallowed.

May cause an allergic skin reaction.

· Precautionary statements

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

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

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Wear protective gloves.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

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

· Unknown acute toxicity:

This value refers to knowledge of known, established toxicological or ecotoxicological values.

0 % of the mixture consists of component(s) of unknown toxicity.

- Information pertaining to particular dangers for man and environment:
- · Classification system: NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme
- · NFPA ratings (scale 0 4)



Health = 2 Fire = 1 Reactivity = 0

· HMIS-ratings (scale 0 - 4)



Health = 2 Fire = 1 Reactivity = 0

- · Other hazards
- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- · **vPvB:** Not applicable.
- Classification according to (d)(1)(ii) of § 1910.1200

The SDS issuer does not object to the classifications provided by importers or manufacturers of precursor products.

Hazards not otherwise classified (HNOC)

There are no adverse physical or health effects known that are not covered by the hazard classes of the Hazard Communications Standard.

* 3 Composition/information on ingredients

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

· Dangerous components:		
CAS: 120-51-4	BENZYL BENZOATE	5–10%
RTECS: DG 4200000	♦ Acute toxicity - oral 4, H302	
CAS: 101-86-0	HEXYL CINNAMAL	≥0.1–<1%
	♦ Skin irritation 2, H315; Sensitization - skin 1, H317	
CAS: 118-58-1	benzyl salicylate	≥0.1–<1%
	♦ Sensitization - skin 1B, H317	
CAS: 6259-76-3	HEXYL SALICYLATE	≥0.1–<1%
	♦ Skin irritation 2, H315; Sensitization - skin 1, H317	
CAS: 122-40-7	alpha-Amylcinnamaldehyde	≥0.1–<1%
RTECS: GD 6825000	♦ Skin irritation 2, H315; Sensitization - skin 1, H317	

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(Contd. of page 2) CAS: 78605-96-6 alpha-Amyl trans-Cinnamaldehyde ≥0.1–<1% Sensitization - skin 1. H317 CAS: 1506-02-1 1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid) 0.1-1% Acute toxicity - oral 1, H300 CAS: 106-22-9 dl-Citronellol ≥0.1–<1% RTECS: RH 3400000 🕩 Skin irritation 2, H315; Eye irritation 2A, H319; Sensitization - skin 1, H317 CAS: 60-12-8 PHENETHYL ALCOHOL 0.1-1% RTECS: SG 7175000 Acute toxicity - dermal 3, H311; 🕦 Acute toxicity - oral 4, H302; Eye irritation ŽA, H319

· Additional information:

The exact percentages of the ingredients of this mixture are considered to be proprietary and are withheld in accordance with the provisions of paragraph (i) of §1910.1200 of 29 CFR 1910.1200 Trade Secrets.

* 4 First-aid measures

- · Description of first aid measures
- · General information:

Keep out of reach of children.

If symptoms persist, call a physician.

· After inhalation:

Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation occurs, consult a doctor.

· After eye contact:

Rinse opened eye under running water.

If eye irritation occurs, consult a doctor.

· After swallowing:

Remove pellets in mouth or throat and rinse mouth with water.

Do not induce vomiting.

Get medical attention immediately.

· Most important symptoms and effects, both acute and delayed

INHALATION: Dizziness, headache, burning nostril sensation, difficulty breathing.

SKIN CONTACT: Skin irritation, rash, itching or burning sensation.

EYE CONTACT: Redness, watering, itching, or burning sensation of eyes.

INGESTION: Nausea, vomiting, difficulty swallowing, fragrant smell to breath.

· Indication of any immediate medical attention and special treatment needed Treat symptomatically.

* 5 Fire-fighting measures

- Extinguishing media
- Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: No further relevant information.
- · Special hazards arising from the substance or mixture Combustion Products: Carbon dioxide, carbon monoxide
- Advice for firefighters
- · Protective equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

* 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures Not required.

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- · Environmental precautions: Do not allow to enter sewers / surface or ground water.
- · Methods and material for containment and cleaning up:

Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Protective Action Criteria for Chemicals

Protective Action Criteria (PACs) are essential components for planning and response to uncontrolled releases of hazardous chemicals.

· PAC-1:

PAC 1: Mild. transient health effects.

9002-88-4	Polyethylene low density	16 mg/m³
120-51-4	BENZYL BENZOATE	5.1 mg/m3
140-11-4	BENZYL ACETATE	30 ppm

PAC-2:

PAC 2: Irreversible or other serious health effects that could impair the ability to take protective action.

9002-88-4	Polyethylene low density	170 mg/m³
120-51-4	BENZYL BENZOATE	56 mg/m3
140-11-4	BENZYL ACETATE	330 ppm

PAC-3:

PAC 3: Life-threatening health effects.

9002-88-4	Polyethylene low density	1,000 mg/m³
120-51-4	BENZYL BENZOATE	340 mg/m3
140-11-4	BENZYL ACETATE	2,000 ppm

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

· Precautions for safe handling

Wear protective equipment.

Keep out of reach of children.

Ensure good ventilation/exhaustion at the workplace.

- Information about protection against explosions and fires: No special measures required.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: None.
- · Specific end use(s) No further relevant information available.

* 8 Exposure controls/personal protection

- · Control parameters
- Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

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60-12-8 PHENETHYL ALCOHOL

TLV Long-term value: 0.5 ppm

Skin

- Regulatory information TLV: Guide to Occupational Exposure Values (TLV)
- · Additional information: The lists that were valid during the creation of this SDS were used as basis.
- · Exposure controls

Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS. Where acceptable concentrations cannot be maintained by general mechanical ventilation, local exhaust ventilation is recommended.

- · Appropriate engineering controls No further data; see section 7.
- 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.

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

· 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.

· 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.

Not determined.

- · Eye protection: Not required.
- · Limitation and supervision of exposure into the environment None

* 9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Physical state Solid

· Color: See product specification

Odor: Characteristic
 Odor threshold: Not determined.
 Melting point/Melting range: Undetermined.
 Boiling point/Boiling range: Undetermined.

Explosion limits:

Flammability:

· Lower: Not determined. · Upper: Not determined.

• Flash point: >93 °C (>199.4 °F)
• Decomposition temperature: Not determined.
• pH-value: Not applicable.

· Viscositv:

· Kinematic: Not applicable.

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· Dynamic: Not applicable. Solubility in / Miscibility with · Water: Insoluble. · Partition coefficient (n-octanol/water): Not determined. · Vapor pressure: Not applicable. Density: Not determined. · Relative density Not determined. · Vapor density Not applicable. · Particle characteristics Not determined.

· Other information

· Appearance:

· Form: Solid Polyethylene Bead

Important information on protection of health and

environment, and on safety.

· **Ignition temperature:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· Solvent content:

· VOC content: 0.7 %

7.0 g/l / 0.06 lb/gal

· Solids content: 100.0 %

· Change in condition

· Oxidizing properties None

*10 Stability and reactivity

· Reactivity

The product is stable under normal conditions.

No further relevant information available.

- · Chemical stability Stable under normal conditions.
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid High temperature and direct sunlight
- · Incompatible materials:

Strong acids

Strong bases

· Hazardous decomposition products:

Carbon dioxide Carbon monoxide Organic vapors.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

· LD/LC50 values that are relevant for classification:				
ATE (Act	ATE (Acute Toxicity Estimate)			
Oral	LD50	275 mg/kg		
Dermal	Dermal LD50 582,596 mg/kg (Rabbit)			

120-51-4 BENZYL BENZOATE		DATE
Oral	LD50	1,700 mg/kg (Rat)

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		Conta. or page of
Dermal	LD50	4,000 mg/kg (Rabbit)
118-58-1	benzyl salicylat	е
Oral	LD50	2,227 mg/kg (Rat) Oral - The substance or mixture is classified as specific target organ toxicant, single exposure, category 2spleen
Inhalative	LC50/96 hours	1.03 Mg/l (Zebra Fish)
6259-76-3	HEXYL SALIC	YLATE
Oral	LD50	>5,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rabbit)
106-22-9	dl-Citronellol	
Oral	LD50	3,450 mg/kg (Rat)
Dermal	LD50	2,650 mg/kg (Rabbit)
60-12-8 P	HENETHYL AL	COHOL
Oral	LD50	1,790 mg/kg (Rat)
Dermal	LD50	790 mg/kg (Rabbit)

- Primary irritant effect:
- on the skin: No irritant effect.
 on the eye: No irritating effect.
- · Sensitization: Sensitization possible through skin contact.
- Additional toxicological information:

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

Irritant

- · Interactive effects No interactive effects between components are known.
- · Carcinogenic categories

· IARC (Inte	rnational Agency for Research on Cancer)		
9002-88-4	Polyethylene low density	3	
140-11-4	BENZYL ACETATE	3	
· NTP (Natio	· NTP (National Toxicology Program)		
None of the ingredients is listed.			
· OSHA-Ca (Occupational Safety & Health Administration)			
None of the ingredients is listed.			

· Alternative sources for toxicological information No non-standard sources for toxicological information were used.

*12 Ecological information

· Toxicity

· Aquat	tic toxicity:
106-2	2-9 dl-Citronellol
EC50	2.4 mg/kg (algae)
	17 mg/kg (daphnia)

- · Persistence and degradability No further relevant information available.
- · Other information: If bag is broken, the beads become an ecological hazard to birds.
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.

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- · Results of PBT and vPvB assessment
- · PBT: Not applicable.
- vPvB: Not applicable.
- · Other adverse effects
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

*13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system. Observe all federal, state and local environmental regulations when disposing of this material.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

14 Transport information

· UN-Number	
· DOT, IMDG, IATA	Non-Regulated Material
· UN proper shipping name	
	Non Degulated Material
· DOT, IMDG, IATA	Non-Regulated Material
· Transport hazard class(es)	
· DOT, ADN, IMDG, IATA	
· Class	Non-Regulated Material
Cidos	TVOTT TOGULATOR MATCHAI
· Packing group	
DOT, IMDG, IATA	Non-Regulated Material
· Environmental hazards:	Not applicable.
· Transport in bulk according to Annex II of	· ·
MARPOL73/78 and the IBC Code	
WARPOLT 3/16 and the IBC Code	Not applicable.
· Special precautions for user	Not applicable.
· UN "Model Regulation":	Non-Regulated Material

*15 Regulatory information

- · Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.
- · Sara

· Section 355 (extremely hazardous substances):	
None of the ingredients is listed.	
· Section 313 (Specific toxic chemical listings):	
1222-05-5 Hexamethylindanopyran	
· TSCA (Toxic Substances Control Act):	
9002-88-4 Polyethylene low density	ACTIVE

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		(Contd. of page 8)
120-51-4	BENZYL BENZOATE	ACTIVE
1222-05-5	Hexamethylindanopyran	ACTIVE
101-86-0	HEXYL CINNAMAL	ACTIVE
78-69-3	tetrahydrolinalool	ACTIVE
118-58-1	benzyl salicylate	ACTIVE
104-67-6	GAMMA-UNDECALACTONE	ACTIVE
6259-76-3	HEXYL SALICYLATE	ACTIVE
122-40-7	alpha-Amylcinnamaldehyde	ACTIVE
88-41-5	2-TERT-BUTYLCYCLOHEXYL ACETATE	ACTIVE
10339-55-6	3,7-DIMETHYL-1,6-NONADIEN-3-OL	ACTIVE
140-11-4	BENZYL ACETATE	ACTIVE
1506-02-1	1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)	ACTIVE
63500-71-0	2-Isobutyl-4-methyltetrahydro-2H-pyran-4-ol	ACTIVE
106-22-9	dl-Citronellol	ACTIVE
18479-58-8	Dihydromyrcenol	ACTIVE
60-12-8	PHENETHYL ALCOHOL	ACTIVE
54464-57-2	Tetramethyl acetyloctahydronaphthalenes	ACTIVE
106-24-1	geraniol	ACTIVE
68039-49-6	2,4-Dimethyl-3-cyclohexen-1-carboxaldehyde	ACTIVE
107-75-5	HYDROXYCITRONELLAL	ACTIVE
· Hazardous	Air Pollutants	•
None of the	ingredients is 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:

None of the ingredients is listed.

· New Jersey Right-to-Know List:

140-11-4 BENZYL ACETATE

· New Jersey Special Hazardous Substance List:

None of the ingredients is listed.

· Pennsylvania Right-to-Know List:

None of the ingredients is listed.

· Pennsylvania Special Hazardous Substance List:

None of the ingredients is listed.

· Carcinogenic categories

· EPA (Environmental Protection Agency)

None of the ingredients is listed.

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· TLV (Threshold Limit Value)	
140-11-4 BENZYL ACETATE	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



- · Signal word Warning
- · Hazard-determining components of labeling:

BENZYL BENZOATE

1-(5,6,7,8-Tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthyl)ethan-1-one (Fixolid)

HEXYL CINNAMAL

HEXYL SALICYLATE

alpha-Amylcinnamaldehyde

alpha-Amyl trans-Cinnamaldehyde

dl-Citronellol

· Hazard statements

Harmful if swallowed.

May cause an allergic skin reaction.

· Precautionary statements

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

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

If on skin: Wash with plenty of water.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

Specific treatment (see on this label).

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

Disclaimer

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, use, 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.

- · SDS created by: Technical Service
- · Version: 1
- · Date of preparation 12/02/2025
- · Abbreviations and acronyms:

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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IATA: International Air Transport Association

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, ÉU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit

Acute toxicity - oral 1: Acute toxicity - Category 1 Acute toxicity - oral 4: Acute toxicity - Category 4 Acute toxicity - dermal 3: Acute toxicity - Category 3 Skin irritation 2: Skin corrosion/irritation - Category 2

Eye irritation 2A: Serious eye damage/eye irritation - Category 2A

Sensitization - skin 1: Skin sensitisation - Category 1 Sensitization - skin 1B: Skin sensitisation - Category 1B

* Data compared to the previous version altered.

... END of SDS ...