

# Safety Data Sheet

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

Initial preparation date: 01.23.2020

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## Tie Tack

### SECTION 1: Identification

#### Product identifier

**Product name:** Tie Tack

#### Recommended use of the product and restriction on use

**Relevant identified uses:** Water Based Wood Floor Cleaner

**Uses advised against:** For Professional Use Only

**Reasons why uses advised against:** Not determined or not applicable.

#### Manufacturer or supplier details

##### Manufacturer:

##### United States

Poloplaz

1 Paradise Park Road

Jacksonville, AR 72076

501-985-1172

www.poloplaz.com

#### Emergency telephone number:

##### United States

Emergency

1-800-123-4567 (24/7)

### SECTION 2: Hazard(s) identification

#### GHS classification:

Skin irritation, category 2

Eye irritation, category 2A

#### Label elements

##### Hazard pictograms:



**Signal word:** Warning

#### Hazard statements:

H315 Causes skin irritation

H319 Causes serious eye irritation

#### Precautionary statements:

P264 Wash skin thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P302+P352 IF ON SKIN: Wash with plenty of water/ ...

P321 Specific treatment (see ... on this label)

P332+P313 If skin irritation occurs: Get medical advice/attention

P362 Take off contaminated clothing and wash it before reuse

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337+P313 If eye irritation persists: Get medical advice/attention

**Hazards not otherwise classified:** None

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### SECTION 3: Composition/information on ingredients

Identification	Name	Weight %
CAS number: 34590-94-8	(2-Methoxymethylethoxy)propanol	1-5
CAS number: 29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	1-5
CAS number: 67-63-0	Propan-2-ol	1-5

**Additional Information:** None

### SECTION 4: First aid measures

#### Description of first aid measures

##### General notes:

Show this Safety Data Sheet to the doctor in attendance.

##### After inhalation:

If inhaled, remove person to fresh air and place in a position comfortable for breathing. Keep person at rest. If breathing is difficult, administer oxygen. If breathing has stopped, provide artificial respiration. If experiencing respiratory symptoms, seek medical advice/attention.

##### After skin contact:

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

##### After eye contact:

Rinse eyes with plenty of water for several minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

Rinse eyes with plenty of gently flowing lukewarm water for 15 minutes. Remove contact lenses if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

##### After swallowing:

If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

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

##### Acute symptoms and effects:

Skin contact may result in redness, pain, burning and inflammation.

Eye contact may result in irritation, redness, pain, inflammation, itching, burning and tearing.

##### Delayed symptoms and effects:

Effects are dependent on exposure (dose, concentration, contact time).

#### Immediate medical attention and special treatment

##### Specific treatment:

Not determined or not applicable.

##### Notes for the doctor:

Treat symptomatically.

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### SECTION 5: Firefighting measures

#### Extinguishing media

##### Suitable extinguishing media:

Alcohol- resistant foam, Dry chemical or Carbon dioxide

##### Unsuitable extinguishing media:

None known

Do not use water jet as an extinguisher.

#### Specific hazards during fire-fighting:

Evacuate all personnel to a predetermined safe location, no less than 2,500 feet in all directions. Can explode or detonate under fire conditions. Burning material may produce toxic vapors.

#### Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA)

#### Special precautions:

Avoid inhaling gases, fumes, mist, dust, vapor or aerosols. Avoid contact with eyes, skin, hair or clothing.

### SECTION 6: Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Wear recommended personal protective equipment (See Section 8).

Avoid contact with eyes, skin and clothing. Eliminate all sources of ignition.

Ensure adequate ventilation.

#### Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### Methods and material for containment and cleaning up:

Carefully sweep material into a designated PLASTIC waste container. Collect in plastic containers only.

#### Reference to other sections:

For disposal see section 13.

### SECTION 7: Handling and storage

#### Precautions for safe handling:

Wear gloves and eye protection when handling, moving or using this product. Do not contaminate water, food, or feed by storage or disposal.

#### Conditions for safe storage, including any incompatibilities:

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from incompatible materials described in Section 10. Keep containers closed when not in use

### SECTION 8: Exposure controls/personal protection

Only those substances with limit values have been included below.

#### Occupational Exposure limit values:

Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	(2-Methoxymethylethoxy)propanol	34590-94-8	8-Hour TWA: 100 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	15-Minute STEL: 150 ppm

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
	Propan-2-ol	67-63-0	STEL: 400 ppm
	Propan-2-ol	67-63-0	TWA: 200 ppm
NIOSH	(2-Methoxymethylethoxy)propanol	34590-94-8	REL: 100 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	REL: 600 mg/m <sup>3</sup>
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 150 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 900 mg/m <sup>3</sup>
	(2-Methoxymethylethoxy)propanol	34590-94-8	IDLH: 600 ppm
	Propan-2-ol	67-63-0	IDLH: 2000 ppm
	Propan-2-ol	67-63-0	STEL: 500 ppm (1,225 mg/m <sup>3</sup> )
	Propan-2-ol	67-63-0	TWA: 400 ppm (980 mg/m <sup>3</sup> )
OSHA	(2-Methoxymethylethoxy)propanol	34590-94-8	TWA: 100 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	TWA: 600 mg/m <sup>3</sup>
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 150 ppm
	(2-Methoxymethylethoxy)propanol	34590-94-8	STEL: 900 mg/m <sup>3</sup>
	Propan-2-ol	67-63-0	PEL: 400 ppm (OSHA PEL TWA 980 mg/m <sup>3</sup> )
United States(California)	Propan-2-ol	67-63-0	PEL: 980 mg/m <sup>3</sup> (400 ppm)
	Propan-2-ol	67-63-0	STEL: 1225 mg/m <sup>3</sup> (500 ppm)

### Biological limit values:

No biological exposure limits noted for the ingredient(s).

### Information on monitoring procedures:

Not determined or not applicable.

### Appropriate engineering controls:

Effective ventilation in all processing areas.

Use local exhaust ventilation to maintain airborne concentrations below the TLV.

### Personal protection equipment

#### Eye and face protection:

Safety goggles

#### Skin and body protection:

Impervious clothing, chemical resistant gloves

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory protection

### General hygienic measures:

Handle in accordance with good industrial hygiene and safety measures. Wash hands and face after handling chemical products. Wash hands before eating, drinking and smoking. Wash hands at the end of the workday.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance	clear liquid
Odor	alcoholic
Odor threshold	NA

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pH	7.5-9.0
Melting point/freezing point	NA
Initial boiling point/range	> 93C
Flash point (closed cup)	> 93C
Evaporation rate	NA
Flammability (solid, gas)	NA
Upper flammability/explosive limit	NA
Lower flammability/explosive limit	NA
Vapor pressure	NA
Vapor density	NA
Density	0.98
Relative density	NA
Solubilities	soluble in water
Partition coefficient (n-octanol/water)	NA
Auto/Self-ignition temperature	NA
Decomposition temperature	NA
Dynamic viscosity	NA
Kinematic viscosity	NA
Explosive properties	NA
Oxidizing properties	NA

### Other information

VOC % weight	10% max VOC % weight as supplied
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## SECTION 10: Stability and reactivity

### Reactivity:

Stable and non-reactive under normal conditions of use, storage and transport.

### Chemical stability:

Stable under normal storage and handling conditions.

### Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to avoid:

Incompatible materials.

### Incompatible materials:

Strong oxidizing agents.

### Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### Acute toxicity

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

**Product data:** No data available.

**Substance data:**

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Name	Route	Result
1-(2-butoxy-1-methylethoxy)propan-2-ol	dermal	LD50 Rat: >2000 mg/kg
	oral	LD50 Rat: 3700 mg/kg
Propan-2-ol	oral	LD50 Rabbit: 6410 mg/kg
	dermal	LD50 Rabbit: 12,800 mg/kg
	inhalation	LD50 Rabbit: 72.6 mg/L (4 H)

### Skin corrosion/irritation

**Assessment:**

Causes skin irritation.

**Product data:**

No data available.

**Substance data:** No data available.

### Serious eye damage/irritation

**Assessment:**

Causes serious eye irritation.

**Product data:**

No data available.

**Substance data:**

Name	Result
Propan-2-ol	Causes serious eye irritation.

### Respiratory or skin sensitization

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

**Product data:**

No data available.

**Substance data:** No data available.

### Carcinogenicity

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

**Product data:** No data available.

**Substance data:** No data available.

### International Agency for Research on Cancer (IARC):

Name	Classification
Propan-2-ol	Group 3

### National Toxicology Program (NTP):

Name	Classification
Propan-2-ol	Not Applicable

**OSHA Carcinogens:** Not applicable

### Germ cell mutagenicity

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

**Product data:**

No data available.

**Substance data:** No data available.

### Reproductive toxicity

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

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### Product data:

No data available.

**Substance data:** No data available.

### Specific target organ toxicity (single exposure)

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

### Product data:

No data available.

**Substance data:**

Name	Result
Propan-2-ol	May cause drowsiness or dizziness.

### Specific target organ toxicity (repeated exposure)

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

### Product data:

No data available.

**Substance data:** No data available.

### Aspiration toxicity

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

### Product data:

No data available.

**Substance data:** No data available.

### Information on likely routes of exposure:

No data available.

### Symptoms related to the physical, chemical and toxicological characteristics:

No data available.

### Other information:

No data available.

## SECTION 12: Ecological information

### Acute (short-term) toxicity

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

**Product data:** No data available.

**Substance data:**

Name	Result
1-(2-butoxy-1-methylethoxy)propan-2-ol	LC50 Poecilia reticulata: 841 mg/L (96 hours)
	EC50 Daphnia magna: >1000 mg/L (48 hours)

### Chronic (long-term) toxicity

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

**Product data:** No data available.

**Substance data:** No data available.

### Persistence and degradability

**Product data:** No data available.

**Substance data:**

Name	Result
(2-Methoxymethylethoxy)propano l	Readily biodegradable in water.

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Name	Result
1-(2-butoxy-1-methylethoxy)propan-2-ol	Readily biodegradable
Propan-2-ol	Readily biodegradable in water.

### Bioaccumulative potential

**Product data:** No data available.

**Substance data:** No data available.

### Mobility in soil

**Product data:** No data available.

**Substance data:** No data available.

**Other adverse effects:** No data available.

## SECTION 13: Disposal considerations

### Disposal methods:

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities

### Contaminated packages:

Not determined or not applicable.

## SECTION 14: Transport information

### United States Transportation of dangerous goods (49 CFR DOT)

UN number	Not Regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Maritime Dangerous Goods (IMDG)

UN number	Not Regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None

### International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN number	Not Regulated
UN proper shipping name	Not regulated
UN transport hazard class(es)	None
Packing group	None
Environmental hazards	None
Special precautions for user	None



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### SECTION 15: Regulatory information

#### United States regulations

##### Inventory listing (TSCA):

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Listed
67-63-0	Propan-2-ol	Listed

**Significant New Use Rule (TSCA Section 5):** Not determined.

**Export notification under TSCA Section 12(b):** Not determined.

##### SARA Section 311/312 hazards:

Acute	Chronic	Fire	Pressure	Reactive
No	No	No	No	No

**SARA Section 302 extremely hazardous substances:** Not determined.

##### SARA Section 313 toxic chemicals:

34590-94-8	(2-Methoxymethylethoxy)propanol	Not Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Not Listed
67-63-0	Propan-2-ol	Listed

**CERCLA:** Not determined.

**RCRA:** Not determined.

**Section 112(r) of the Clean Air Act (CAA):** Not determined.

##### Massachusetts Right to Know:

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Not Listed
67-63-0	Propan-2-ol	Listed

##### New Jersey Right to Know:

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Not Listed
67-63-0	Propan-2-ol	Listed

##### New York Right to Know:

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Not Listed
67-63-0	Propan-2-ol	Listed

##### Pennsylvania Right to Know:

34590-94-8	(2-Methoxymethylethoxy)propanol	Listed
29911-28-2	1-(2-butoxy-1-methylethoxy)propan-2-ol	Not Listed
67-63-0	Propan-2-ol	Listed

**California Proposition 65:** None of the ingredients are listed.

### SECTION 16: Other information

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### Tie Tack

**Abbreviations and Acronyms:** None

**Disclaimer:**

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

**NFPA:** 3-0-0

**HMIS:** 3-0-0

**Initial preparation date:** 01.23.2020

**End of Safety Data Sheet**