

Quik Stik® TWIST PAINT MARKER Fluorescent Orange, Fluorescent Pink

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
according to Canadian Hazardous Products Regulations (HPR)
Date of issue: 02/12/2016

LA-CO Industries, Inc.

Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : Quik Stik® TWIST PAINT MARKER Fluorescent Orange, Fluorescent Pink

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Marking

1.3. Details of the supplier of the safety data sheet

LA-CO Industries, Inc.
1201 Pratt Boulevard
Elk Grove Village, IL. 60007-5746
Phone: (847) 956-7600
Fax: (847) 956-9885
E-mail: customer_service@laco.com



1.4. Emergency telephone number

Emergency number : 24-hour emergency: CHEMTREC- U.S. : 1-800-424-9300 International: +1-703-527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification in accordance with the Globally Harmonized Standard

Skin Irrit. 2 H315
Eye Irrit. 2A H319

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS-US labelling

Hazard pictograms (GHS-US) :



GHS07

Signal word (GHS-US) :

Warning

Hazard statements (GHS-US) :

H315 - Causes skin irritation
H319 - Causes serious eye irritation

Precautionary statements (GHS-US) :

P264 - Wash hands thoroughly after handling
P280 - Wear eye protection, protective gloves
P302+P352 - If on skin: Wash with plenty of Water
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P321 - Specific treatment (see First aid measures on this label)
P332+P313 - If skin irritation occurs: Get medical advice/attention
P337+P313 - If eye irritation persists: Get medical advice/attention
P362+P364 - Take off contaminated clothing and wash it before reuse

2.3. Other hazards

2.4. Unknown acute toxicity (GHS US)

4.16 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
7.2 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
7.2 percent of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

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3.2. Mixture

Name	Product identifier	% (w/w)	GHS-US classification
1-butoxypropan-2-ol	(CAS No) 5131-66-8	31.73 – 32.4 Fluorescent Orange 30.67 – 31.31 Fluorescent Pink	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319
(2-Methoxymethylethoxy)-propanol	(CAS No) 34590-94-8	< 8.36 Fluorescent Orange < 8.08 Fluorescent Pink	Flam. Liq. 4, H227
3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one	(CAS No) 509-34-2	0.18 Fluorescent Orange 3.04 Fluorescent Pink	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319
Butoxy-1-propanol	(CAS No) 15821-83-7	1 – 1.67 Fluorescent Orange 0.97 – 1.61 Fluorescent Pink	Flam. Liq. 3, H226
N-Ethyl O/P Toluene Sulfonamides	(CAS No) 8047-99-2	1.44 Fluorescent Orange 1.4 Fluorescent Pink	Acute Tox. 3 (Dermal), H311

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person.
- First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
- First-aid measures after skin contact : Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.
- First-aid measures after eye contact : 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.
- First-aid measures after ingestion : Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after skin contact : Causes skin irritation.
- Symptoms/injuries after eye contact : Causes serious eye irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : No particular fire or explosion hazard.
- Reactivity : No dangerous reactions known.

5.3. Advice for firefighters

- Firefighting instructions : Cool adjacent structures and containers with water spray to protect and prevent ignition.
- Protection during firefighting : Wear a self contained breathing apparatus. Wear fire/flame resistant/retardant clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Avoid contact with skin, eyes and clothing. Avoid creating or spreading dust.

6.1.1. For non-emergency personnel

- Protective equipment : Chemical goggles or safety glasses. Wear suitable gloves.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Chemical goggles or safety glasses. Wear suitable gloves.
- Emergency procedures : Ventilate area. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

For containment : Avoid generating dust. Sweep or shovel into suitable containers.
Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

6.4. Reference to other sections

Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use.
Incompatible products : Strong acids. Strong oxidizers. Strong bases.
Prohibitions on mixed storage : Incompatible materials.
Storage area : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

Marking.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quik Stik® TWIST PAINT MARKER Fluorescent Orange, Fluorescent Pink		
ACGIH	Not applicable	
OSHA	Not applicable	
1-butoxypropan-2-ol (5131-66-8)		
ACGIH	Not applicable	
OSHA	Not applicable	
Butoxy-1-propanol (15821-83-7)		
ACGIH	Not applicable	
OSHA	Not applicable	
(2-Methoxymethylethoxy)-propanol (34590-94-8)		
ACGIH	ACGIH TWA (mg/m ³)	606 mg/m ³
ACGIH	ACGIH TWA (ppm)	100 ppm
ACGIH	ACGIH STEL (mg/m ³)	909 mg/m ³
ACGIH	ACGIH STEL (ppm)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	600 mg/m ³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
OSHA	OSHA PEL (STEL) (mg/m ³)	600 mg/m ³
Canada (Quebec)	VECD (mg/m ³)	909 mg/m ³
Canada (Quebec)	VECD (ppm)	150 ppm
Canada (Quebec)	VEMP (mg/m ³)	606 mg/m ³
Canada (Quebec)	VEMP (ppm)	100 ppm
N-Ethyl O/P Toluene Sulfonamides (8047-99-2)		
ACGIH	Not applicable	
OSHA	Not applicable	
3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one (509-34-2)		
ACGIH	Not applicable	
OSHA	Not applicable	

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8.2. Exposure controls

Appropriate engineering controls	: Use only in well ventilated areas.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Use rubber gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: None under normal use. In case of inadequate ventilation wear respiratory protection. Approved respirator.
Other information	: Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: A solid crayon-like marker.
Colour	: Variable
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

VOC content	: 40-45 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Avoid creating or spreading dust.

10.5. Incompatible materials

Strong acids. Strong bases. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂).

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

1-butoxypropan-2-ol (5131-66-8)	
LD50 oral rat	3300 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (ppm)	> 651 ppm/4h
ATE CLP (oral)	3300.000 mg/kg bodyweight
Butoxy-1-propanol (15821-83-7)	
LD50 oral rat	5009 mg/kg
ATE CLP (oral)	5009.000 mg/kg bodyweight
(2-Methoxymethylethoxy)-propanol (34590-94-8)	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 19020 mg/kg
LC50 inhalation rat (mg/l)	> 1667 mg/l/4h
N-Ethyl O/P Toluene Sulfonamides (8047-99-2)	
LD50 oral rat	2250 mg/kg
LD50 dermal rabbit	1000 mg/kg
ATE CLP (oral)	2250.000 mg/kg bodyweight
ATE CLP (dermal)	1000.000 mg/kg bodyweight
3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one (509-34-2)	
ATE CLP (oral)	500.000 mg/kg bodyweight

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified
Potential adverse human health effects and symptoms	
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Causes serious eye irritation.

SECTION 12: Ecological information

12.1 Toxicity

1-butoxypropan-2-ol (5131-66-8)	
LC50 fish 1	> 560 (560 - 1000) mg/l 96 h
EC50 Daphnia 1	> 1000 mg/l 48 h
(2-Methoxymethylethoxy)-propanol (34590-94-8)	
LC50 fish 1	> 1000 mg/l <i>Poecilia reticulata</i>
ErC50 (algae)	> 1000 mg/l

12.2. Persistence and degradability

1-butoxypropan-2-ol (5131-66-8)	
Persistence and degradability	Readily biodegradable.
(2-Methoxymethylethoxy)-propanol (34590-94-8)	
Persistence and degradability	Readily biodegradable.

12.3. Bioaccumulative potential

1-butoxypropan-2-ol (5131-66-8)	
Log Pow	1.2

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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with US-DOT 49-CFR and the HMR / TDG / ADR / IMDG / ICAO / IATA

Not considered a dangerous good for transport regulations

Proper Shipping Name (ADR) : Not applicable

Transport hazard class(es) (ADR) :

Transport by sea

Transport hazard class(es) (IMDG) :

Air transport

Transport hazard class(es) (IATA) :

SECTION 15: Regulatory information

15.1. US Federal regulations

1-butoxypropan-2-ol (5131-66-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

(2-Methoxymethylethoxy)-propanol (34590-94-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

EPA TSCA Regulatory Flag T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA

N-Ethyl O/P Toluene Sulfonamides (8047-99-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one (509-34-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Butoxy-1-propanol (15821-83-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

1-butoxypropan-2-ol (5131-66-8)

Listed on the Canadian DSL (Domestic Substances List) inventory

Butoxy-1-propanol (15821-83-7)

Not listed on the Canadian DSL (Domestic Substances List) inventory

(2-Methoxymethylethoxy)-propanol (34590-94-8)

Listed on the Canadian DSL (Domestic Substances List) inventory

N-Ethyl O/P Toluene Sulfonamides (8047-99-2)

Listed on the Canadian DSL (Domestic Substances List) inventory

3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one (509-34-2)

Listed on the Canadian DSL (Domestic Substances List) inventory

EU-Regulations

1-butoxypropan-2-ol (5131-66-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Butoxy-1-propanol (15821-83-7)

Not listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

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(2-Methoxymethylethoxy)-propanol (34590-94-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

N-Ethyl O/P Toluene Sulfonamides (8047-99-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

3',6'-bis(diethylamino)spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-3-one (509-34-2)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

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All ingredients are listed in the Toxic Substances Control Act (TSCA).

15.3. US State regulations

(2-Methoxymethylethoxy)-propanol (34590-94-8)

U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New York - Right to Know List of Hazardous Chemicals
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Data sources	: ACGIH (American Conference of Government Industrial Hygienists). European Chemicals Agency (ECHA) C&L Inventory database. Accessed at http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database . Krister Forsberg and S.Z. Mansdorf, "Quick Selection Guide to Chemical Protective Clothing", Fifth Edition. National Fire Protection Association. Fire Protection Guide to Hazardous Materials; 10th edition. OSHA 29CFR 1910.1200 Hazard Communication Standard. TSCA Chemical Substance Inventory. Accessed at http://www.epa.gov/oppt/existingchemicals/pubs/tscainventory/howto.html .
Abbreviations and acronyms	: ATE: Acute Toxicity Estimate. CAS (Chemical Abstracts Service) number. CLP: Classification, Labelling, Packaging. EC50: Environmental Concentration associated with a response by 50% of the test population. GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). LD50: Lethal Dose for 50% of the test population. OSHA: Occupational Safety & Health Administration. PBT: Persistent, Bioaccumulative, Toxic. TWA: Time Weight Average. TSCA: Toxic Substances Control Act.
Other information	: None.

Full text of H-statements:

H226	Flammable liquid and vapour
H227	Combustible liquid
H302	Harmful if swallowed
H311	Toxic in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation

SDS Prepared by: The Redstone Group, LLC
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LACO NA GHS SDS

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product