

Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

Issue date: 05/21/2019

Revision date: 06/08/2020

Supersedes: 03/19/2020

Version: 3.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
 Product name : Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Marking.
 Restrictions on use : No additional information available

1.3. Supplier

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;
 全国应急中心 0532 8388 9090

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS classification

| | |
|---|---|
| Skin corrosion/irritation, Category 2 | H315 Causes skin irritation. |
| Serious eye damage/eye irritation, Category 2A | H319 Causes serious eye irritation. |
| Reproductive toxicity, Category 2 | H361 Suspected of damaging fertility or the unborn child. |
| Hazardous to the aquatic environment — Chronic Hazard, Category 3 | H412 Harmful to aquatic life with long lasting effects. |

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Hazard pictograms (GHS) : 

Signal word (GHS) : Warning

Hazard statements (GHS) : H315 - Causes skin irritation.
 H319 - Causes serious eye irritation.
 H361 - Suspected of damaging fertility or the unborn child.
 H412 - Harmful to aquatic life with long lasting effects.

Precautionary statements (GHS) : P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P264 - Wash hands thoroughly after handling.
 P273 - Avoid release to the environment.
 P280 - Wear eye protection, protective gloves, protective clothing.
 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.
 P308+P313 - If exposed or concerned: Get medical advice/attention.
 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.
 P405 - Store locked up.
 P501 - Dispose of contents/container to hazardous or special waste collection point, in

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accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS_US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % (w/w) | GHS classification |
|----------------------------------|----------------------|----------|--|
| 1-butoxypropan-2-ol | (CAS-No.) 5131-66-8 | 30 - 40 | Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| Titanium dioxide | (CAS-No.) 13463-67-7 | 0 - 25 | Carc. 2, H351 |
| aluminium powder (pyrophoric) | (CAS-No.) 7429-90-5 | 0 - 15 | Pyr. Sol. 1, H250 Water-react. 2, H261 |
| Carbon black | (CAS-No.) 1333-86-4 | 0 - 10 | Carc. 2, H351 |
| N-Ethyl O/P Toluene Sulfonamides | (CAS-No.) 8047-99-2 | 1 - 5 | Acute Tox. 3 (Dermal), H311 |
| 4-tert-butylphenol | (CAS-No.) 98-54-4 | 0.1 -0.5 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361 STOT SE 3, H335 Aquatic Chronic 2, H411 |

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and 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. If you feel unwell, seek medical advice (show the label where possible). |
| First-aid measures after inhalation | : If inhaled and if breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| First-aid measures after skin contact | : Wash skin thoroughly with mild 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 | : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell. |

4.2. Most important symptoms and effects (acute and delayed)

| | |
|-------------------------------------|--|
| Symptoms/effects | : Suspected of damaging fertility or the unborn child. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. |

4.3. Immediate medical attention and special treatment, if necessary

All treatments should be based on observed signs and symptoms of distress in the patient.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

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

5.2. Specific hazards arising from the chemical

| | |
|------------------|--|
| Fire hazard | : Combustible. Combustion generates: Carbon oxides (CO, CO ₂). Nitrogen oxides. Sulphur oxides. metallic oxides. |
| Explosion hazard | : Product is not explosive. |
| Reactivity | : No dangerous reactions known. |

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5.3. Special protective equipment and precautions for fire-fighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Do not allow run-off from fire fighting to enter drains or water courses.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection. 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 and eyes. Avoid creating or spreading dust.

6.1.1. For non-emergency personnel

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

6.1.2. For emergency responders

- Protective equipment : Chemical goggles or safety glasses. Wear suitable protective clothing and gloves.
- Emergency procedures : Ventilate area.

6.2. Environmental precautions

- Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

- For containment : Contain and collect as any solid.
- Methods for cleaning up : Sweep spilled substance into containers; if appropriate, moisten first to prevent dusting.

6.4. Reference to other sections

- Section 13: disposal information. Section 7: safe handling. Section 8: personal protective equipment.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
- Hygiene measures : Wash contaminated clothing before reuse. 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 away from ignition sources. Keep container closed when not in use. Protect from sunlight.
- Incompatible products : Strong oxidizers. Acids.
- Incompatible materials : Sources of ignition.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | | |
|---|--------------------------------|--|
| 1-butoxypropan-2-ol (5131-66-8) | | |
| Not applicable | | |
| N-Ethyl O/P Toluene Sulfonamides (8047-99-2) | | |
| Not applicable | | |
| 4-tert-butylphenol (98-54-4) | | |
| Not applicable | | |
| aluminium powder (pyrophoric) (7429-90-5) | | |
| ACGIH | Local name | Aluminum metal and insoluble compounds |
| ACGIH | ACGIH TWA (mg/m ³) | 1 mg/m ³ (R - Respirable particulate matter) |
| ACGIH | Remark (ACGIH) | TLV® Basis: Pneumoconiosis; LRT irr; neurotoxicity. Notations: A4 (Not classifiable as a Human Carcinogen) |
| ACGIH | Regulatory reference | ACGIH 2020 |

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| aluminium powder (pyrophoric) (7429-90-5) | | |
|--|--|--|
| OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction) |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 10 mg/m ³ |
| NIOSH | NIOSH REL (ceiling) (mg/m ³) | 5 mg/m ³ |
| NIOSH | Remark (NIOSH) | (total dust) |
| Titanium dioxide (13463-67-7) | | |
| ACGIH | Local name | Titanium dioxide |
| ACGIH | ACGIH TWA (mg/m ³) | 10 mg/m ³ |
| ACGIH | Remark (ACGIH) | TLV® Basis: LRT irr. Notations: A4 (Not classifiable as a Human Carcinogen) |
| ACGIH | Regulatory reference | ACGIH 2020 |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 15 mg/m ³ |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| Carbon black (1333-86-4) | | |
| ACGIH | Local name | Carbon black |
| ACGIH | ACGIH TWA (mg/m ³) | 3 mg/m ³ (I - Inhalable particulate matter) |
| ACGIH | Remark (ACGIH) | TLV® Basis: Bronchitis. Notations: A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans) |
| ACGIH | Regulatory reference | ACGIH 2020 |
| OSHA | OSHA PEL (TWA) (mg/m ³) | 3.5 mg/m ³ |
| OSHA | Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |
| NIOSH | NIOSH REL (TWA) (mg/m ³) | 3.5 mg/m ³ |
| NIOSH | NIOSH REL (STEL) (mg/m ³) | 0.1 mg/m ³ |

8.2. Appropriate engineering controls

Appropriate engineering controls : Either local exhaust or general room ventilation is usually required.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure.

Hand protection:

Wear suitable gloves. Use rubber gloves.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable protective clothing. Long sleeved protective clothing

Respiratory protection:

Where excessive vapour may result, wear approved mask. Use air-purifying respirator equipped with particulate filtering cartridges.

Other information:

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

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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 | : Solvent |
| Odour threshold | : No data available |
| pH | : No data available |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : No data available |
| Flash point | : 62 °C |
| Relative evaporation rate (butylacetate=1) | : 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 |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |

9.2. Other information

VOC content : 48.87 %

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

Heat. Direct sunlight.

10.5. Incompatible materials

Strong acids. Strong oxidizers.

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide. Nitrogen oxides. metallic oxides. Sulphur oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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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 (oral) | 3300 mg/kg bodyweight |

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

| | |
|--------------------|-----------------------|
| LD50 oral rat | 2250 mg/kg |
| LD50 dermal rabbit | 1000 mg/kg |
| ATE (oral) | 2250 mg/kg bodyweight |
| ATE (dermal) | 1000 mg/kg bodyweight |

4-tert-butylphenol (98-54-4)

| | |
|----------------------------|--------------|
| LD50 oral rat | > 2000 mg/kg |
| LD50 dermal rabbit | > 16 g/kg |
| LC50 inhalation rat (mg/l) | 5.6 mg/l/4h |
| ATE (vapours) | 5.6 mg/l/4h |
| ATE (dust,mist) | 5.6 mg/l/4h |

aluminium powder (pyrophoric) (7429-90-5)

| | |
|---------------|--------------------------|
| LD50 oral rat | > 15900 mg/kg bodyweight |
|---------------|--------------------------|

Titanium dioxide (13463-67-7)

| | |
|----------------------------|----------------|
| LD50 oral rat | > 5000 mg/kg |
| LC50 inhalation rat (mg/l) | > 6.82 mg/l/4h |

Carbon black (1333-86-4)

| | |
|----------------------------|-----------------------------|
| LD50 oral rat | > 8000 mg/kg |
| LC50 inhalation rat (mg/l) | > 4.6 mg/m ³ 4 h |

| | |
|-----------------------------------|----------------------------------|
| 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. |

Titanium dioxide (13463-67-7)

| | |
|---|--|
| NOAEL (chronic, oral, animal/male, 2 years) | 5 mg/kg bodyweight rat |
| Additional information | Carcinogen, cat 1A or 1B Inhalation of dust |
| IARC group | 2B - Possibly carcinogenic to humans |

Carbon black (1333-86-4)

| | |
|------------|--|
| IARC group | 2B - Possibly carcinogenic to humans, Inhalation of dust |
|------------|--|

| | |
|-----------------------|--|
| Reproductive toxicity | : Suspected of damaging fertility or the unborn child. |
| STOT-single exposure | : Not classified |

4-tert-butylphenol (98-54-4)

| | |
|----------------------|-----------------------------------|
| STOT-single exposure | May cause respiratory irritation. |
|----------------------|-----------------------------------|

| | |
|-------------------------------------|--|
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |
| Viscosity, kinematic | : No data available |
| Likely routes of exposure | : Skin and eye contact. |
| Symptoms/effects | : Suspected of damaging fertility or the unborn child. |
| Symptoms/effects after skin contact | : Causes skin irritation. |
| Symptoms/effects after eye contact | : Causes serious eye irritation. |

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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 crustacea | > 1000 mg/l 48 h |

| 4-tert-butylphenol (98-54-4) | |
|------------------------------|---------------|
| LC50 fish 1 | > 1 mg/l 96 h |
| EC50 crustacea | 4.8 mg/l 48 h |

12.2. Persistence and degradability

| Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver | |
|---|------------------|
| Persistence and degradability | Not established. |

| 1-butoxypropan-2-ol (5131-66-8) | |
|---------------------------------|------------------------|
| Persistence and degradability | Readily biodegradable. |

| 4-tert-butylphenol (98-54-4) | |
|------------------------------|-----------|
| Biodegradation | 60 % 28 d |

| Carbon black (1333-86-4) | |
|-------------------------------|----------------------------|
| Persistence and degradability | Not readily biodegradable. |

12.3. Bioaccumulative potential

| Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver | |
|---|------------------|
| Bioaccumulative potential | Not established. |

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

| 4-tert-butylphenol (98-54-4) | |
|------------------------------|---|
| Log Pow | 3 |

12.4. Mobility in soil

| Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver | |
|---|--------------------------------------|
| Ecology - soil | No additional information available. |

12.5. Other adverse effects

Other information : No additional information available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Sewage disposal recommendations : Do not dispose of waste into sewer.
Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated.

Transportation of Dangerous Goods

Not regulated.

Transport by sea

Not regulated.

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Air transport

Not regulated.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

| | | |
|-------------------------------|-------------------|-----------|
| Aluminum oxide | CAS-No. 1344-28-1 | 0 - 0.5% |
| Diethanolamine | CAS-No. 111-42-2 | 0 - <0.1% |
| aluminium powder (pyrophoric) | CAS-No. 7429-90-5 | 0 - 15% |

15.2. International regulations

CANADA

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

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.

4-tert-butylphenol (98-54-4)

Listed on the Canadian DSL (Domestic Substances List) inventory.

aluminium powder (pyrophoric) (7429-90-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Titanium dioxide (13463-67-7)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Carbon black (1333-86-4)

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)

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

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

4-tert-butylphenol (98-54-4)

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

aluminium powder (pyrophoric) (7429-90-5)

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

Titanium dioxide (13463-67-7)

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

Carbon black (1333-86-4)

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

National regulations

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All components are listed on the EEC inventory European Inventory of Existing Commercial Chemical Substances (EINECS).
All ingredients are listed on the Canadian Domestic Substances List (DSL) or Non-Domestic Substances List (NDSL).

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

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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

Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).

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

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

4-tert-butylphenol (98-54-4)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)

aluminium powder (pyrophoric) (7429-90-5)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on Taiwan National Chemical Inventory
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)


Titanium dioxide (13463-67-7)

Listed on IARC (International Agency for Research on Cancer)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)

Carbon black (1333-86-4)

Listed on IARC (International Agency for Research on Cancer)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on the AICS (Australian Inventory of Chemical Substances)
Listed on Taiwan National Chemical Inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Inventory of Existing Chemical Substances Produced or Imported in China (IECSC).
Listed on the Japanese ISHL (Industrial Safety and Health Law)

15.3. US State regulations

 **WARNING:** This product can expose you to Diethanolamine, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

| Component | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|--------------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------------|
| Diethanolamine(111-42-2) | X | | | | | |

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| Component | Carcinogenicity | Developmental toxicity | Reproductive toxicity male | Reproductive toxicity female | No significant risk level (NSRL) | Maximum allowable dose level (MADL) |
|------------------------------|-----------------|------------------------|----------------------------|------------------------------|----------------------------------|-------------------------------------|
| Titanium dioxide(13463-67-7) | X | | | | | |
| formaldehyde(50-00-0) | X | | | | 40 µg/day | |
| Carbon black(1333-86-4) | X | | | | | |

| Component | State or local regulations |
|--|---|
| Titanium dioxide(13463-67-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| aluminium powder (pyrophoric)(7429-90-5) | U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities; U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances; U.S. - Pennsylvania - RTK (Right to Know) List |
| Carbon black(1333-86-4) | U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations; U.S. - New Jersey - Right to Know Hazardous Substance List |

SECTION 16: Other information

Revision date : 06/08/2020

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>.

Other information : None.

Full text of H-statements:

| | |
|------|--|
| H227 | Combustible liquid |
| H250 | Catches fire spontaneously if exposed to air. |
| H261 | In contact with water releases flammable gases. |
| H311 | Toxic in contact with skin. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H335 | May cause respiratory irritation. |
| H351 | Suspected of causing cancer. |
| H361 | Suspected of damaging fertility or the unborn child. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

Abbreviations and acronyms:

| | |
|--|---|
| | ACGIH (American Conference of Government Industrial Hygienists) |
| | 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. |

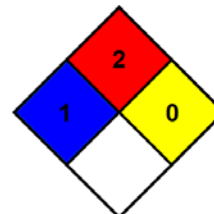
Quik Stik® All Purpose Black, White, Lime Green, Fluorescent Yellow, Silver

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations, Canada Hazardous Products Regulations (HPR) / Règlement sur les produits dangereux (RPD)

| | |
|--|--|
| | GHS: Globally Harmonized System (of Classification and Labeling of Chemicals). |
| | LD50: Lethal Dose for 50% of the test population |
| | PBT: Persistent, Bioaccumulative, Toxic |
| | TSCA: Toxic Substances Control Act |

- NFPA health hazard : 1 - Materials that, under emergency conditions, can cause significant irritation.
- NFPA fire hazard : 2 - Materials that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur.
- NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and not reactive with water.



Indication of changes:
Product identifier.

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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.