

1 Identification

- **Product identifier:**
- **Product Name:** Aquatuff Yellow
- **Product Number:** 78013
- **Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.
- **Manufacturer/Supplier:**
No Skidding Products, Inc.
266 Wildcat Road
Toronto, Ontario
Canada M3J 2N5
- **Information telephone number:**
Toll Free 1-800-375-0571
Local 416-667-1788
- **Emergency telephone number:** Canutec: 1-613-996-6666

2 Hazard identification

- **Classification of the substance or mixture:**
Flam. Liq. 3 H226 Flammable liquid and vapor.
Carc. 2 H351 Suspected of causing cancer.
- **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**



GHS02 GHS08

- **Signal word:** Warning
- **Hazard-determining components of labeling:**
titanium dioxide
- **Hazard statements:**
Flammable liquid and vapor.
Suspected of causing cancer.
- **Precautionary statements:**
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Use explosion-proof electrical/ventilating/lighting/equipment.
Wear protective gloves / eye protection / face protection.
Ground/bond container and receiving equipment.
Keep container tightly closed.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF exposed or concerned: Get medical advice/attention.
In case of fire: Use for extinction: CO₂, sand, extinguishing powder.
Store locked up.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container in accordance with local/regional/national/international regulations.

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- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**

HEALTH	2	Health = 2
FIRE	2	Fire = 2
REACTIVITY	0	Reactivity = 0

- **Other hazards:**
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

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

· **Hazardous components:**

13463-67-7	titanium dioxide	5-<10%
2807-30-9	2-(propyloxy)ethanol	5-<10%
471-34-1	calcium carbonate	2.5-5%
67-63-0	propan-2-ol	2.5-5%
111-46-6	2,2'-oxybisethanol	1-2.5%
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	0.1≤0.5%

4 First-aid measures:

- **Description of first aid measures:**
- **For inhalation:** Supply fresh air; consult doctor in case of complaints.
- **For skin contact:** Generally the product does not irritate the skin.
- **For eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **For swallowing:**
Do not induce vomiting; immediately call for medical help.
A person vomiting while lying on their back should be turned onto their side.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-fighting measures:

- **Extinguishing media:**
- **Suitable extinguishing agents:** CO₂, sand, extinguishing powder. Do not use water.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards arising from the substance or mixture:** No further relevant information available.

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- **Advice for firefighters:**
- **Protective equipment:** Wear self-contained respiratory protective device.

6 Accidental release measures:

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
- **Environmental precautions:**
Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.
Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, universal binder or other inert absorbent).
Do not flush with water or aqueous cleansing agents
- **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:

- **Handling:**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**
Keep ignition sources away - Do not smoke.
Protect against electrostatic charges.
- **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:**
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/personal protection:

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters:**

· **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m ³ *total dust **respirable fraction
TLV	TLV withdrawn

67-63-0 propan-2-ol

PEL	Long-term value: 980 mg/m ³ , 400 ppm
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REL	Short-term value: 1225 mg/m ³ , 500 ppm Long-term value: 980 mg/m ³ , 400 ppm
TLV	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 200 ppm BEI

111-46-6 2,2'-oxybisethanol

WEEL	Long-term value: 10 mg/m ³
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Ingredients with biological limit values:

67-63-0 propan-2-ol

BEI	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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· **Additional information:** The lists that were valid during the creation were used as basis.

· **Exposure controls:**

· **Personal protective equipment:**

· **General protective and hygienic measures:**

Wash hands before eating, smoking, using the restroom and at the end of the workday.

· **Breathing equipment:**

In case of brief exposure or low concentrations, 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

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **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.

· **Eye protection:**



Tightly sealed goggles

9 Physical and chemical properties

· **Information on basic physical and chemical properties:**

· **General Information:**

· **Appearance:**

Form:	Liquid
Color:	Yellow
Odor:	Alcohol-like

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· Odour threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition:	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	> 80 °C (> 176 °F)
· Flash point:	41 °C (106 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	230 °C (446 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
· Explosion limits:	
Lower:	Not determined.
Upper:	Not determined.
· Vapor pressure at 20 °C (68 °F):	23 hPa (17 mm Hg)
· Density at 20 °C (68 °F):	1.138 g/cm ³ (9.497 lbs/gal)
· Relative density:	Not determined.
· Vapour density:	Heavier than air.
· Evaporation rate:	Slower than ether.
· Solubility in / Miscibility with:	
Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	11.2 %
Water:	53.5 %
VOC content:	11.2 %
	<250 g/l when blended with part B
Solids content:	35.5 %
· Other information:	No further relevant information available.

10 Stability and reactivity

- **Reactivity:**
- **Chemical stability:**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** Do not store or use near sparks, flame, or other ignition sources.
- **Incompatible materials:** Strong acids and alkalis, bleach, strong oxidizers.
- **Hazardous decomposition products:**
Burning may yield carbon monoxide, carbon dioxide, oxides of nitrogen, and various hydrocarbons.

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11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
- **Carcinogenic categories:**

· IARC (International Agency for Research on Cancer):		
13463-67-7	titanium dioxide	2B
67-63-0	propan-2-ol	3
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	2B
7631-86-9	silicon dioxide, chemically prepared	3
14808-60-7	Quartz (SiO ₂)	1
· NTP (National Toxicology Program):		
14808-60-7	Quartz (SiO ₂)	K
· OSHA-Ca (Occupational Safety & Health Administration):		
None of the ingredients is listed.		

12 Ecological information

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods:**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information:

· UN-Number: · DOT, IMDG, IATA	UN1263
· UN proper shipping name: · DOT	This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from the DOT regulation when transported by ground. Paint
· IMDG, IATA	PAINT
· Transport hazard class(es): · DOT	
 	
· Class	3 Flammable liquids This material has a flash point at or above 38°C and may be reclassified as a combustible liquid. A combustible liquid in non-bulk packaging (≤450 liters; ≤119 gallons) is exempt from the DOT regulation when transported by ground.
· Label	3, 8
· IMDG	
 	
· Class · Label	3 Flammable liquids 3/8
· IATA	
 	
· Class · Label	3 Flammable liquids 3 (8)
· Packing group: · DOT, IMDG, IATA	III
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user: · Danger code (Kemler): · EMS Number:	Warning: Flammable liquids 38 F-E,S-E
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:	Not applicable.
· Transport/Additional information: · DOT · Quantity limitations:	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L

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- **IMDG**
- **Limited quantities (LQ):** 5L
- **Excepted quantities (EQ):** Code: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml
- **UN "Model Regulation":** UN1263, Paint, 3 (8), III

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA:**

· Section 355 (extremely hazardous substances):

None of the ingredients is listed.

· Section 313 (Specific toxic chemical listings):

67-63-0	propan-2-ol
107-21-1	ethanediol
7727-43-7	barium sulphate, natural

· TSCA (Toxic Substances Control Act):

All ingredients are listed.

· Proposition 65:

· Chemicals known to cause cancer:

13463-67-7	titanium dioxide
14808-60-7	Quartz (SiO ₂)

· 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.

· Carcinogenic categories:

· EPA (Environmental Protection Agency)

7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
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· TLV (Threshold Limit Value established by ACGIH)

13463-67-7	titanium dioxide	A4
67-63-0	propan-2-ol	A4
107-21-1	ethanediol	A4
14807-96-6	Talc (Mg ₃ H ₂ (SiO ₃) ₄)	A4
14808-60-7	Quartz (SiO ₂)	A2

· NIOSH-Ca (National Institute for Occupational Safety and Health)

13463-67-7	titanium dioxide
14808-60-7	Quartz (SiO ₂)

· GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

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· **Hazard pictograms:**



GHS02 GHS08

· **Signal word:** Warning

· **Hazard-determining components of labeling:**

titanium dioxide

· **Hazard statements:**

Flammable liquid and vapor.

Suspected of causing cancer.

· **Precautionary statements:**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

Use explosion-proof electrical/ventilating/lighting/equipment.

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF exposed or concerned: Get medical advice/attention.

In case of fire: Use for extinction: CO2, sand, extinguishing powder.

Store locked up.

Store in a well-ventilated place. Keep cool.

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

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing SDS:** No Skidding Technical

· **Contact:** Compliance Manager

· **Date of preparation / last revision:** 06/29/2015 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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)

HMS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Carc. 2: Carcinogenicity, Hazard Category 2