

## Section 1 - Identification

Product Name: Tidal Graffiti Remover - Component 1 (4027 pt1)  
 Product Use: Graffiti paint removal

Tidal Washers supplied by Ecolink  
 PO Box 9  
 Tucker, GA 30085  
 www.ecolink.com

**Emergency Phone: 800-535-5053**

## Section 2 - Hazards Identification

### GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq 2.3 < 4.0$ or persistent inflammation
Eye corrosive	1	Serious eye damage: Irreversible damage 21 days after exposure, Draize score: Corneal opacity $\geq 3$ , Iritis $> 1.5$

### GHS Hazards

H315	Causes skin irritation
H318	Causes serious eye damage

### GHS Precautions

P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P310	Immediately call a POISON CENTER or doctor/physician if you feel unwell after exposure of this product
P321	Specific treatment (see First Aid below or label)
P362	Take off contaminated clothing and wash before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention

**Signal Word: Danger**



## Section 3 - Composition, Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Proprietary Surfactants	68439-46-3	10.00% - 20.00%
2-butoxyethanol	111-76-2	10.00% - 20.00%
Methyl ester, soybean oil	67784-8/0-9	10.00% - 20.00%

Xylenesulfonic acid sodium salt	1300-72-7	5.00% - 10.00%
Dipropylene Glycol Monomethyl Ether	34590-94-8	1.00% - 5.00%
Nonylphenol, ethoxylated	127087-87-0-12	1.00% - 5.00%
Cocoamidopropyl Betaine	70851-81-5	1.00% - 5.00%

## Section 4 - First Aid Measures

### After inhalation:

Take affected persons into fresh air and keep quiet. Supply fresh air. Call a doctor immediately

**After eye contact:** Rinse opened eye for several minutes under running water. Call a doctor immediately.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly. Call a doctor immediately.

**After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately. NOTE: Never give an unconscious person anything to drink.

Information for doctor:

**Most important symptoms and effects, both acute and delayed:** Causes severe skin burns and eye damage.

Gastric or intestinal disorders · Indication of any immediate medical attention and special treatment needed Medical supervision for at least 48 hours.

## Section 5 - Fire Fighting Measures

Flash Point: N/A

LEL: 1.00

UEL: 11.00

The product is not flammable

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

· For safety reasons unsuitable extinguishing agents: Water with full jet

Hazardous Decomposition:

None Known

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

Wear fully protective suit. Additional information Cool endangered receptacles with water spray.

Use fire extinguishing methods suitable to surrounding conditions.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Wear protective equipment. Keep unprotected persons away. Mount respiratory protective device.

**Environmental precautions:** Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.

**Methods and material for containment and cleaning up:** Absorb liquid components with liquid-binding material.

Use neutralizing agent. Dispose contaminated material as waste according to Section 13. Ensure adequate ventilation.

## Section 7 - Handling & Storage

**Precautions for safe handling:** Keep receptacles tightly sealed. Ensure good ventilation/exhaustion at the workplace. When diluting always pour product into water and not vice versa.

**Information about fire - and explosion protection:** No special measures required.

**Conditions for safe storage, including any incompatibilities:** Store only in the original receptacle. Use polyolefine receptacles. Provide acid-resistant floor.

**Suitable material for receptacles and pipes:** Stainless steel.

**Information about storage in one common storage facility:** Store away from reducing agents. Store away from metals. Do not store together with alkalis (caustic solutions). Do not store together with organic materials.

**Further information about storage conditions:** Keep container tightly sealed.

## Section 8 - Exposure Controls/Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Proprietary Surfactants 68439-46-3	Not Established	Not Established	Not Established
2-butoxyethanol 111-76-2	OSHA Z-1 TWA:240 mg/m3 OSHA Z-1 TWA Absorbed via Skin	TWA 20ppm PE: 50 ppm	Not Established
Methyl ester, soybean oil 67784-8/0-9	Not Established	Not Established	Not Established
Xylenesulfonic acid sodium salt 1300-72-7	Not Established	Not Established	Not Established
Dipropylene Glycol Monomethyl Ether 34590-94-8	TWA 100 ppm	TWA 100 ppm STEL 150 ppm	Not Established
Nonylphenol, ethoxylated 127087-87-0-12	Not Established	Not Established	Not Established
Cocoamidopropyl Betaine 70851-81-5	Not Established	Not Established	Not Established

**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals. Do not eat or drink while working. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.

**Respiratory protection:** Use suitable respiratory protective device only when aerosol or mist is formed. In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Limitation and supervision of exposure into the environment:** Avoid discharging of Hydrochloric / Phosphoric acid solutions into municipal wastewater, surface water or soils, when such discharges are expected to cause significant pH changes.

**Risk management measures:** Regular control of the pH value previous to or during discharges into open waters is required. Discharges should be carried out as to minimize pH changes in receiving surface waters. In general most aquatic organisms can tolerate pH values in the range of 6-9.

**Eye protection:** Tightly sealed goggles

**Body protection:** Acid resistant protective clothing, Boots

**Protection of hands:** Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. · Material of gloves Butyl rubber, BR Fluorocarbon rubber (Viton) Nitrile rubber, NBR Natural rubber, NR Chloroprene rubber, CR Neoprene gloves

**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 suitable are gloves made of the following materials:** Leather gloves

## Section 9 - Physical & Chemical Properties

Odor Characteristic	pH 2.8
Color Orange	Specific Gravity 8.761

## Section 10 - Stability & Reactivity

UNSTABLE

### INCOMPATIBILITIES:

Strong Oxidizing agents, Strong Acids

None Known

Stong Acids, Strong Bases, Strong Oxidizing agents, Strong reducing agents

Strong Oxidizing Agents

Extended contact with air or oxygen. The potential for peroxide formation is enhanced when this solvent is used in processes such as distillation. Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

Ignition may occur at temperatures below those published in the literature as autoignition or ignition temperatures.

**DECOMPOSITION:**

Air or oxygen. Moisture and humidity. Strong oxidizing agents. May react with oxygen to form peroxides.

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Aldehydes . Ketones.

Organic acids.

Carbon Monoxide and other toxic vapors

None Known

On combustios or on thermal decomposition (following the evaporation of water) releases: Carbon Oxides, Nitrogen Oxides

Hazardous polymerization will occur.

**Section 11 - Toxicological Information**

**Mixture Toxicity**

Oral Toxicity LD50: 4.901mg/ka

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			N/A

**Section 12 - Ecological Information**

Do not discharge into waterways. The strong lowering of pH can destroy organisms.

**Component Ecotoxicity**

**Section 13 - Disposal Considerations**

**Recommendation:**

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Disposal must be made according to official regulations.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

**Uncleaned packaging Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning . Packagings that may not be cleansed are to be disposed of in the same manner as the product. Disposal must be made in accordance with Local Authority requirements.

**Recommended cleansing agents:** Water, if necessary together with cleansing agents .

**Section 14 - Transportation Information**

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Not Regulated			

**Section 15 - Regulatory Information**

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
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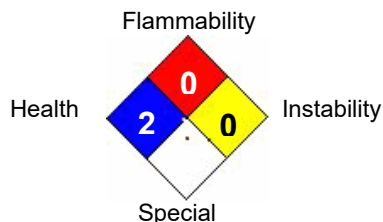
Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	2
PERSONAL PROTECTION	C

HMIS & NFPA Hazard Rating Legend  
\* = Chronic Health Hazard  
0 = INSIGNIFICANT  
1 = SLIGHT  
2 = MODERATE  
3 = HIGH

National Fire Protection Association (NFPA)



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Reviewer Revision