

SECTION 1: Product and company identification

Product name : Graffiti Wipes
Use of the substance/mixture : Premoistened wipe
Product code : 1447
Company : Total Solutions
P.O. Box 240014
Milwaukee, WI 53224 - USA
T 800-743-6417
athea.com
Contact: Technical Department
Emergency number : Chemtrec: 1-800-424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification
Eye Dam. 1 H318

2.2. Label elements

GHS US labelling
Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : Causes serious eye damage.
Precautionary statements (GHS US) : Wear eye protection, protective clothing, protective gloves.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center or doctor.

2.3. Other hazards

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 | % | GHS-US classification |
|-----------------------------------|----------------------|---------|---|
| Ethyl Lactate (Surfactant) | (CAS-No.) 97-64-3 | 10 – 30 | Flam. Liq. 3, H226 Eye Dam. 1, H318 STOT SE 3, H335 |
| Dimethyl Succinate (Emollient) | (CAS-No.) 106-65-0 | 5 – 10 | Eye Irrit. 2A, H319 |
| Undeceth-5 (Surfactant) | (CAS-No.) 34398-01-1 | 1 – 5 | Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 |

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation : If you feel unwell, seek medical advice.
First-aid measures after skin contact : Gently wash with plenty of soap and water.

- 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 with water. Do not induce vomiting.

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

- Symptoms/effects : Not expected to present a significant hazard under anticipated conditions of normal use.
- Symptoms/effects after inhalation : None under normal use.
- Symptoms/effects after skin contact : Contact during a long period may cause light irritation. Repeated exposure may cause skin dryness or cracking.
- Symptoms/effects after eye contact : Causes serious eye irritation.
- Symptoms/effects after ingestion : Gastrointestinal complaints.
- Chronic symptoms : No data available.

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 : Foam. Carbon dioxide. Dry chemical powder.
- Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

- Fire hazard : Combustible liquid.
- Reactivity : Upon combustion: CO and CO₂ are formed.

5.3. Advice for firefighters

- Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Isolate from fire, if possible, without unnecessary risk.

6.1.1. For non-emergency personnel

- Protective equipment : Protective goggles. Gloves. Protective clothing.
- Emergency procedures : Evacuate unnecessary personnel. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

6.1.2. For emergency responders

- Protective equipment : Equip cleanup crew with proper protection.
- Emergency procedures : Stop leak if safe to do so. Stop release. Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

- For containment : Contain released product, collect/pump into suitable containers.
- Methods for cleaning up : This material and its container must be disposed of in a safe way, and as per local legislation.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Keep away from sources of ignition - No smoking.
- Hygiene measures : Wash thoroughly after handling. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

- Technical measures : Comply with applicable regulations.

| | |
|------------------------------|--|
| Storage conditions | : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Incompatible products | : Oxidizing agent. Strong acids. Strong bases. |
| Incompatible materials | : Sources of ignition. Heat sources. |
| Heat and ignition sources | : KEEP SUBSTANCE AWAY FROM: heat sources. ignition sources. |
| Information on mixed storage | : KEEP SUBSTANCE AWAY FROM: (strong) acids. (strong) bases. oxidizing agents. |
| Storage area | : Meet the legal requirements. Store in a cool area. Store in a well-ventilated place. |
| Special rules on packaging | : meet the legal requirements. |

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| | | |
|--------------------------------------|----------------------|--------------------------------------|
| Ethyl Lactate (97-64-3) | | |
| Not applicable | | |
| Dimethyl Succinate (106-65-0) | | |
| Not applicable | | |
| Undeceth-5 (34398-01-1) | | |
| Not applicable | | |
| Methanol (67-56-1) | | |
| ACGIH | ACGIH OEL TWA [ppm] | 200 ppm |
| ACGIH | ACGIH OEL STEL [ppm] | 250 ppm |
| ACGIH | Remark (ACGIH) | Headache; eye dam; dizziness; nausea |
| OSHA | OSHA PEL TWA [1] | 260 mg/m ³ |
| OSHA | OSHA PEL TWA [2] | 200 ppm |

8.2. Exposure controls

Personal protective equipment : Use appropriate personal protective equipment when risk assessment indicates this is necessary. Safety glasses. Gloves. Protective clothing.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|--|
| Physical state | : Solid |
| Appearance | : Premoistened wipe |
| Odour | : Mildly aromatic. |
| 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 | : 163 °F Closed cup - Tested using the liquid component of the towelette |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Flammability (solid, gas) | : No data available |
| Explosive limits | : No data available |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Vapour pressure | : No data available |
| Relative density | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Density | : 1.03 g/ml Tested using the liquid component of the towelette |
| Solubility | : Liquid component is soluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : No data available |
| Partition coefficient n-octanol/water (Log Kow) | : No data available |
| Auto-ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Viscosity | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| VOC content | : < 20 % Tested using the liquid component of the towelette |

SECTION 10: Stability and reactivity

10.1. Reactivity

Upon combustion: CO and CO₂ are formed.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Strong acids. Strong bases. Oxidizing agents.

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Ethyl Lactate (97-64-3)

| | |
|--------------------|-------------------------------|
| LD50 oral rat | 8200 mg/kg (Rat, Oral) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit, Dermal) |
| ATE CLP (oral) | 8200 mg/kg bodyweight |

Dimethyl Succinate (106-65-0)

| | |
|--------------------|--|
| LD50 oral rat | 6892 mg/kg (Rat; Experimental value) |
| LD50 dermal rat | > 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute Dermal Toxicity) |
| LD50 dermal rabbit | > 5000 mg/kg (Rabbit) |
| ATE CLP (oral) | 6892 mg/kg bodyweight |

Undeceth-5 (34398-01-1)

| | |
|---------------|--------------|
| LD50 oral rat | > 1400 mg/kg |
|---------------|--------------|

Methanol (67-56-1)

| | |
|---------------------|----------------------|
| LD50 dermal rabbit | 12800 mg/kg |
| ATE CLP (oral) | 100 mg/kg bodyweight |
| ATE CLP (dermal) | 300 mg/kg bodyweight |
| ATE CLP (vapours) | 128.2 mg/l/4h |
| ATE CLP (dust,mist) | 0.5 mg/l/4h |

Skin corrosion/irritation : Not classified
 Serious eye damage/irritation : Causes serious eye damage.
 Respiratory or skin sensitisation : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified

Reproductive toxicity : Not classified.
 STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified
 Symptoms/effects after inhalation : None under normal use.
 Symptoms/effects after skin contact : Contact during a long period may cause light irritation. Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact : Causes serious eye irritation.
 Symptoms/effects after ingestion : Gastrointestinal complaints.
 Chronic symptoms : No data available.
 Likely routes of exposure : Dermal

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified due to lack of data.

| | |
|-------------------------|--------------------------------|
| Ethyl Lactate (97-64-3) | |
| LC50 - Fish [1] | 100 – 1000 mg/l (96 h, Pisces) |

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|-------------------------------|---|
| Dimethyl Succinate (106-65-0) | |
| LC50 - Fish [2] | 50 – 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 48 h; Brachydanio rerio; Semi-static system; Fresh water; Experimental value) |
| EC50 - Crustacea [2] | > 100 mg/l (EC50; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna; Static system; Fresh water; Experimental value) |
| Threshold limit - Algae [1] | > 100 mg/l (ErC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value) |

| | |
|-------------------------|-----------|
| Undeceth-5 (34398-01-1) | |
| LC50 - Fish [1] | < 10 mg/l |
| EC50 - Crustacea [1] | < 10 mg/l |
| ErC50 algae | < 10 mg/l |

12.2. Persistence and degradability

| | |
|-------------------------------|------------------|
| Graffiti Wipes | |
| Persistence and degradability | Not established. |

| | |
|-------------------------------|------------------------------------|
| Ethyl Lactate (97-64-3) | |
| Persistence and degradability | Readily biodegradable in water. |
| ThOD | 1.35 g O ₂ /g substance |

| | |
|-------------------------------|--|
| Dimethyl Succinate (106-65-0) | |
| Persistence and degradability | Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil. |

12.3. Bioaccumulative potential

| | |
|---|----------------------|
| Ethyl Lactate (97-64-3) | |
| Partition coefficient n-octanol/water (Log Pow) | -0.18 (Calculated) |
| Bioaccumulative potential | Not bioaccumulative. |

| | |
|---|--|
| Dimethyl Succinate (106-65-0) | |
| BCF - Fish [1] | 3.16 (BCF; BCFBAF v3.00; Pisces) |
| Partition coefficient n-octanol/water (Log Pow) | 0.33 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method; 40 °C) |
| Bioaccumulative potential | Low potential for bioaccumulation (Log Kow < 4). |

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods : Do not flush wipes.
Product/Packaging 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 for transport

Additional information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

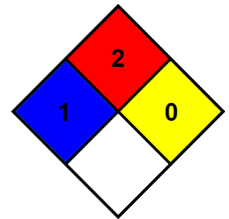
| | | |
|------------|--------------|---|
| Undeceth-5 | (34398-01-1) | SARA Section 311/312 Hazard Classes Immediate (acute) health hazard |
|------------|--------------|---|

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm.

SECTION 16: Other information

Training advice : Normal use of this product shall imply use in accordance with the instructions on the packaging.

- 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 - Material that in themselves are normally stable, even under fire conditions.



Prepared by: Technical Department

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