

**TRIDENT™**

SAFETY DATA SHEET

Section 1. Identification

Product Name: Tidal Wave
Chemical Name: Mixture
Synonyms: Broad Spectrum Sealer Stripper

Recommended Use of the Mixture and Restrictions On Use:

Restricted To: For Professional Use Only
Uses Advised Against: Not recommended for Household Use.

Supplier's Details: Trident
624 W. Illinois Avenue
Aurora, IL 60506
(866) 951-4293
www.tridentprotects.com

Emergency Telephone Number: CHEMTREC (800) 424-9300 (United States Only)
Chemtrec (outside USA): (703) 527-3887

Section 2. Hazards Identification

Classification of the substance or mixture:

This product contains an ingredient subject to GHS classification.

Physical Hazards:

Flammable Liquid - Category 3, H226

Health Hazards:

Acute toxicity oral - Category 4, H302
Aspiration hazard - Category 1, H304
Acute toxicity dermal: - Category 4, H312
Skin corrosion / irritation - Category 2, H315
Sensitization skin - Category 1, H317
Serious eye damage / eye irritation - Category 2A, H319
Acute toxicity inhalation - Category 4, H332

GHS Label Elements:

Hazard Pictograms:



Signal Word: DANGER

Hazard Statements:

Flammable liquid and vapor
Maybe fatal if swallowed and enter the airways
Causes skin irritation
May cause an allergic skin reaction

Precautionary Statements:

Prevention:

KEEP OUT OF REACH OF CHILDREN. Keep away from heat, hot surfaces, open flames, sparks – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilation/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe dust/gas /mist/vapor. Wash with plenty of water and soap thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear protective gloves, clothing, and eye/ face protection.

Response:

If exposed or concerned: get medical advice/attention. Call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF ON SKIN: Remove/take off immediately all contaminated clothing and wash before reuse. Wash with plenty of soap and water. Rinse skin with water/shower. Specific treatment (see....on this label)
IN CASE OF FIRE: Use water spray (fog), alcohol resistant foam, dry chemical, or CO2 to extinguish.

Storage:

Store in a well ventilated space. Keep tightly closed only in original packaging. Do not allow to freeze.

Disposal:

Dispose of contents and container to appropriate waste site or reclaimer in accordance with all applicable laws, regulations, and product characteristics at time of disposal.

Hazards not otherwise classified:

No data available

Section 3. Composition/Information on Ingredients

Substance/Mixture: Mixture
Chemical Name: NA
Other Means of Identification: Tidal Wave Broad Spectrum Sealer Stripper

CAS number/other identifiers:
CAS Number: Mixture

Hazardous Components:

| Ingredient Name | % | CAS Number |
|------------------------|----------|-------------------|
| D'limonene | 3-20 | 5989-27-5 |
| Benzyl Alcohol | 20-50 | 100-51-6 |

Amounts specified are typical and do not represent a specification. Any other ingredients are either proprietary, non-hazardous or present in amounts below the reportable limits.

Section 4. First Aid Measures

Description of Necessary First Aid Measures:

General First-aid Measures: Take proper precautions to ensure your own health and safety before attempting rescue and providing first aid. Consult a physician and show this safety data sheet with the physician in attendance. Move out of dangerous area.

If Inhaled: Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

If Skin Contact: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes before thoroughly reuse. Get medical attention immediately.

If In Eyes: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

If Swallowed: Wash out mouth and water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Most Important Symptoms/Effects, Acute:

The product may produce the following: irritant effects, drowsiness, dizziness, narcosis, nausea, vomiting, headache, blindness, vision impairment, coma and delayed actions of drying and defatting of skin.

Indication of immediate medical attention and special treatment needed (if necessary):

No data available.

Section 5. Firefighting Measures

Extinguishing Media:

Suitable extinguishing media:

Use water spray (fog), alcohol resistant foam, dry chemical or Carbon Dioxide

Unsuitable extinguishing media:

None noted

Special hazards arising from the substance or mixture:

Fire hazard: The product is flammable. If there is a fire or if heated, a pressure increase will occur and the container may burst, with the risk of subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low and confined areas or travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.

Explosion hazard: Closed containers may rupture when exposed to extreme heat. The product may form peroxides of unknown stability and Oxides of Nitrogen and Carbon.

Reactivity: During a fire, irritating and or toxic gases and particulate may be generated by thermal decomposition or combustion.

Advice for firefighters:

Firefighting instructions:

Use water spray to keep fire exposed containers cool.

Protection during firefighting:

Wear self-contained breathing apparatus (SCBA) equipped with a full face-piece and operated in a pressure demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SBCA during clean up immediately after a fire as well as during the attack phase of the fire-fighting operations.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

General Measures:

Wear protective equipment as described under Section 8 and follow the advice of safe handling and use given under Section 7. Emergency procedures are not required.

For Non-Emergency Personnel

Protective equipment:

Wear chemical resistance (impervious) gloves

Emergency procedures:

High risk of slipping due to spillage/leakage of product

For Emergency Responders

Protective equipment:

Not Applicable

Emergency procedures:

Not Applicable

Environmental Precautions:

Do not let product enter drains, sewers or watercourses.

Methods and materials for containment and cleaning up:

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, etc.). Dispose of absorbed material in accordance with regulations.

For large amounts: Pump off products.

Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protective equipment.

See Section 13 for disposal information.

Section 7. Handling and Storage

Precautions for Safe Handling

Additional hazards when processed:

Precautions for safe handling:

Ensure good ventilation/exhaustion at the workplace. Do not breathe dust, vapor, mist or gas. Persons with a history of skin sensitization problems should not be employed in any process in which this product was used. Do not get in eyes.

Hygiene measures:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.

Conditions for Safe Storage, Including any Incompatibilities:

Technical measures:

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion proof electrical, lighting and ventilating equipment.

Storage conditions:

Keep containers tightly closed and upright when not in use. Keep from freezing. Protect from physical damage.

Incompatible products:

See section 10

Incompatible materials:

See section 10

Storage area:

The product should be stored in a cool, dry and well ventilated area, at ambient temperature directly out of the sunlight.

Special rules on packaging:

Do not store in open, unlabeled or mislabeled containers. Keep containers closed at all times when not in use.

Specific end use(s)

Removal of coatings

Section 8. Exposure Controls/Personal Protection

Occupational exposure limits:

| Chemical Name | CAS #/EINECS# | EXPOSURE LIMITS |
|----------------|-----------------------|-----------------------------------|
| D'Limonene | 5989-27-5 / 227-813-5 | ACGIH TWA 165.5 mg/m ³ |
| Benzyl Alcohol | 100-51-6 / 202-859-9 | ACGIH TWA 44.2 mg/m ³ |

Exposure Controls:

Appropriate engineering controls:

Ensure adequate ventilation

Personal protective equipment:

Wear fire-proof clothing, protective goggles and gloves. Wear respiratory protection in a poor ventilated environment.

Hand protection:

Wear chemically resistant protective gloves

Eye protection:

Chemical goggles or safety glasses with side-shields should be worn especially in a splashing environment. The use of contact lenses solely is not recommended.

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Thermal hazard protection:

Wear suitable protection clothing

Other information:

Hands or face should be washed before breaks and at the end of and shift. Avoid contact with skin and eyes.

Section 9. Physical and Chemical Properties

Information on basic physical and chemical properties:

| | |
|--|-----------------------|
| Physical state: | Liquid |
| Appearance: | Semi-gel |
| Color: | Amber |
| Odor: | Mild spicy |
| Odor threshold: | Not available |
| pH: | Not available |
| Relative evaporation rate (butyl acetate=1): | <1 Slower |
| Melting point: | Not available |
| Boiling point: | >212 ° F |
| Auto-ignition temperature: | Not available |
| Decomposition temperature: | Not Determined |
| Flammability (solid, gas): | Not Applicable |
| Vapor pressure: | >18.62 mm Hg @ 20 ° C |
| Flash Point: | Not Applicable |
| Flash Point Method: | Not Applicable |

| | |
|---------------------------------|------------------|
| Relative vapor density @ 20 °C: | Not Applicable |
| Relative density: | 1.03 |
| Density: | 8.58 lbs / gal |
| Solubility: | Slightly soluble |
| Log Pow: | Not available |
| Log Kow: | Not available |
| Viscosity, kinematic: | Not available |
| Viscosity, dynamic: | Not available |
| Explosive properties: | Non-explosive |
| Oxidizing properties: | None known |
| Explosive limits: | Not Applicable |

Other information:

No further relevant information available

Section 10. Stability and Reactivity

Reactivity:

Not applicable

Chemical Stability:

Product is stable under normal storage conditions

Conditions to Avoid:

Avoid extreme heat and freezing conditions

Incompatible Materials:

Strong oxidizing agents and bases

Hazardous Decomposition Products:

None under normal use but burning or decomposing film may yield Carbon Monoxide and Carbon Dioxide.

Section 11. Toxicological Information

TOXICITY MEASURES:

| Chemical Name | LD50/LC50 |
|----------------|---|
| Benzyl Alcohol | Oral LD50: Rat >1,230- <3,100 mg/kg Inhalation Rat LC50: Rat 11 mg/L/ 8 h Dermal LD50: Rabbit 2,000 mg/kg |
| D'Limonene | Oral LD50: Rat >5,000 mg/kg Inhalation Rat LC50: 259,000 µg/l Dermal LD50: Rabbit >5,000 mg/kg, 24 h |

Skin corrosion/irritation:

Irritation, may cause burns on long term exposure

Serious eye damage/irritation:

Risk of serious eye damage and blindness is probable

Respiratory or skin sensitization:

Not classified, not sensitizing

Germ cell mutagenicity:

This product presents negative results of mutagenicity in mammals.

Carcinogenicity:

Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Reproductive toxicity:

Demonstrated reproductive toxicity

Specific target organ toxicity (single exposure):

Central nervous system

Specific target organ toxicity (repeated exposure):

May cause damage to organs (Central Nervous System) through prolonged or repeated exposure

Aspiration hazard:

No information available

Symptoms/injuries after inhalation:

The product contains organic solvents which in case of overexposure may depress the central nervous system. Abusive inhalation has been reported to be associated with birth defects in the offspring of the abusers.

Symptoms/injuries after eye contact:

Burning and stinging of the eyes may persist

Symptoms/injuries after ingestion:

Harmful if swallowed as product may enter lungs

Other information:

The product is considered to be harmless to health if used in the correct manner

Section 12. Ecological Information

All work practices must be aimed at eliminating environmental contamination.

Toxicity:

Ecotoxicity:

Product is toxic to aquatic life with long lasting effects

Persistence and Degradability:

Not determined for this product but the following information is available for this component Benzyl Alcohol: 92-96% readily biodegradable.

Bioaccumulative Potential:

Accumulation in organisms is not to be expected

Mobility in Soil:

No data available

Other adverse Ecological Effects:

Not determined for this product

Section 13. Disposal Considerations

Waste treatment methods:

Regional legislation (waste):

Dispose of waste and unused contents in accordance with national and local regulations.

Waste disposal recommendations:

Ensure the use of properly authorized waste management companies where appropriate or uncertain.

Section 14. Transport Information

The product is not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID) and therefore no classification is required.

Section 15. Regulatory Information

U.S. Federal Regulations

U.S. OSHA Regulatory Status:

This material is not classified as hazardous under OSHA regulations

U.S SARA Reporting Requirements:

The following components of this product are subject to reporting requirements of sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

| | | | |
|----------|---|--|------------------------------------|
| CHEMICAL | SECTION 302 EHS (TPQ) (40 CFR 355, Appendix A) | SECTION 304 RQ (40 CFR Table 302.4) | SECTION 313 TRI (40 CFR 372.65) |
|----------|---|--|------------------------------------|

Not considered hazardous

A Section 311/312 (40 CFR 370) Hazard Categories:

ACUTE: Yes; CHRONIC: No; FIRE: Yes; REACTIVE: No; SUDDEN RELEASE: No

Toxic Substances Control Act (TSCA):

All components of this product are included on the TSCA inventory

U.S. CERCLA Reportable Quantity (RQ):

This product is not listed under CERCLA

U.S. Clean Air Act Threshold Quantity (TQ):

This product is not listed.

U.S. Clean Water Act Requirements:

This product is not listed

California Safe Drinking Water and Toxic Enforcement Act (Proposition 65):

This product is not known to contain any chemical currently listed as carcinogens or reproductive toxins

DSL:

All chemical substances in this product comply with CEPA 1999 and NSNR and are on or exempted from listing on the Canadian Domestic Substances List (DSL).

European Inventory of Existing Chemicals (EINECS):

All of the components of this product are included on EINECS.

Section 16. Other Information

Indication of changes:

Other information:

Full text of H phrases:



NFPA health hazard: 2- Intense or continued but not chronic exposure could cause temporary incapacitation or possible residual injury

NFPA fire hazard: 1- Material requires considerable pre-heating under all ambient temperature conditions before ignition and combustion can occur

NFPA reactivity: 0-Normally stable, even under fire exposure conditions, and not reactive with water

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