

# SAFETY DATA SHEET

## 1. Identification

Product number TES 201  
Product identifier STAINLESS STEEL WIPES  
Revision date 02-06-2015  
Company information TRINITY ECO SOLUTIONS  
5860 N. KEATING  
CHICAGO, IL 60646 United States  
Company phone General Assistance 1-312-493-3059  
Emergency telephone US 1-866-836-8855  
Emergency telephone outside US 1-952-852-4646  
Version # 03  
Supersedes date 11-13-2014  
Recommended use CLEANER  
Recommended restrictions None known.

## 2. Hazard(s) identification

Physical hazards Not classified.  
Health hazards Sensitization, skin Category 1  
Environmental hazards Not classified.  
OSHA defined hazards Not classified.

### Label elements



Signal word Warning  
Hazard statement May cause an allergic skin reaction.  
Precautionary statement  
Prevention Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves.  
Response If on skin: Wash with plenty of water. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage.  
Storage Store away from incompatible materials.  
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.  
Hazard(s) not otherwise classified (HNOC) None known.  
Supplemental information None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name                               | Common name and synonyms | CAS number | %        |
|---|--------------------------|------------|----------|
| Distillates (Petroleum), Hydrotreated Light |                          | 64742-47-8 | 40 - 60  |
| White Mineral Oil                           |                          | 8042-47-5  | 20 - 40  |
| d-Limonene                                  |                          | 5989-27-5  | 2.5 - 10 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

|  |   |
|--|---|
| Inhalation   | Move to fresh air. Call a physician if symptoms develop or persist.   |
| Skin contact   | Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.                              |
| Eye contact  | Rinse with water. Get medical attention if irritation develops and persists.  |
| Ingestion  | Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur. |
| Most important symptoms/effects, acute and delayed                     | Dermatitis. Rash. May cause an allergic skin reaction.  |
| Indication of immediate medical attention and special treatment needed | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.  |
| General information  | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.   |

#### 5. Fire-fighting measures

|   |  |
|---|--|
| Suitable extinguishing media                                  | Alcohol resistant foam. Water fog. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).   |
| Unsuitable extinguishing media                                | Do not use water jet as an extinguisher, as this will spread the fire.                         |
| Specific hazards arising from the chemical                    | During fire, gases hazardous to health may be formed.  |
| Special protective equipment and precautions for firefighters | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.  |
| Fire-fighting equipment/instructions                          | Cool containers exposed to heat with water spray and remove container, if no risk is involved. |
| Specific methods  | Use standard firefighting procedures and consider the hazards of other involved materials.     |
| General fire hazards  | No unusual fire or explosion hazards noted.  |

#### 6. Accidental release measures

|   |  |
|---|--|
| Personal precautions, protective equipment and emergency procedures | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.   |
| Methods and materials for containment and cleaning up               | <p>This material is classified as a water pollutant under the Clean Water Act and should be prevented from contaminating soil or from entering sewage and drainage systems which lead to waterways.</p> <p>Large Spills: Stop the flow of material, if this is without risk. Use water spray to reduce vapors or divert vapor cloud drift. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.</p> <p>Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.</p> <p>Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.</p> |
| Environmental precautions   | Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.   |

#### 7. Handling and storage

|  |  |
|--|--|
| Precautions for safe handling                                | Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged or repeated contact with skin. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices. |
| Conditions for safe storage, including any incompatibilities | Keep away from heat and sources of ignition. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).   |

#### 8. Exposure controls/personal protection

|                              |   |
|------------------------------|---|
| Occupational exposure limits | No exposure limits noted for ingredient(s). |
|------------------------------|---|

|   |   |
|---|---|
| Biological limit values   | No biological exposure limits noted for the ingredient(s).  |
| Appropriate engineering controls                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. |
| Individual protection measures, such as personal protective equipment |   |
| Eye/face protection   | Face shield is recommended. Wear safety glasses with side shields (or goggles).   |
| Hand protection   | Wear appropriate chemical resistant gloves.   |
| Skin protection   |   |
| Other   | Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.  |
| Skin protection   |   |
| Respiratory protection  | In case of insufficient ventilation, wear suitable respiratory equipment.   |
| Thermal hazards   | Wear appropriate thermal protective clothing, when necessary.   |
| General hygiene considerations  | Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.  |

## 9. Physical and chemical properties

### Appearance

|  |  |
|--|--|
| Physical state                               | Liquid.  |
| Form   | Premoistened towel                               |
| Color  | Not available.                                   |
| Odor   | Not available.                                   |
| Odor threshold                               | Not available.                                   |
| pH   | Not available.                                   |
| Melting point/freezing point                 | Not available.                                   |
| Initial boiling point and boiling range      | Not available.                                   |
| Flash point                                  | 197.0 °F (91.7 °C) Closed Cup supplier estimated |
| Evaporation rate                             | Not available.                                   |
| Flammability (solid, gas)                    | Not available.                                   |
| Upper/lower flammability or explosive limits |  |
| Flammability limit - lower (%)               | Not available.                                   |
| Flammability limit - upper (%)               | Not available.                                   |
| Explosive limit - lower (%)                  | Not available.                                   |
| Explosive limit - upper (%)                  | Not available.                                   |
| Vapor pressure                               | Not available.                                   |
| Vapor density                                | Not available.                                   |
| Relative density                             | Not available.                                   |
| Solubility(ies)                              |  |
| Solubility (water)                           | Not available.                                   |
| Partition coefficient (n-octanol/water)      | Not available.                                   |
| Auto-ignition temperature                    | Not available.                                   |
| Decomposition temperature                    | Not available.                                   |
| Viscosity                                    | Not available.                                   |
| Other information                            |  |
| Specific gravity                             | 0.81 supplier estimated                          |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| Chemical stability                 | Material is stable under normal conditions.   |
| Possibility of hazardous reactions | Hazardous polymerization does not occur.  |
| Conditions to avoid                | Avoid temperatures exceeding the flash point. Contact with incompatible materials.            |
| Incompatible materials             | Strong oxidizing agents.  |
| Hazardous decomposition products   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|              |  |
|--------------|--|
| Ingestion    | Expected to be a low ingestion hazard.                   |
| Inhalation   | No adverse effects due to inhalation are expected.       |
| Skin contact | May cause an allergic skin reaction.                     |
| Eye contact  | Direct contact with eyes may cause temporary irritation. |

Symptoms related to the physical, chemical and toxicological characteristics  
Dermatitis. Rash. May cause an allergic skin reaction.

### Information on toxicological effects

Acute toxicity  
May cause an allergic skin reaction.

| Product  | Species | Test Results                               |
|--|---------|--|
| 40 CT STAINLESS STEEL WIPES 6PK (CAS Mixture)                |         |  |
| Acute  |         |  |
| Dermal   |         |  |
| LD50   | Rabbit  | 1310.1866 mg/kg, 24 Hours estimated        |
|  | Rat     | 13.3156 mg/kg estimated                    |
| Inhalation   |         |  |
| LC50   | Rat     | 3.363 mg/l, 4 Hours estimated              |
| Oral   |         |  |
| LC50   | Rat     | 13315.5791 mg/kg estimated                 |
| LD50   | Rat     | 8688.0977 mg/kg estimated                  |
| Components   | Species | Test Results                               |
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) |         |  |
| Acute  |         |  |
| Dermal   |         |  |
| LD50   | Rabbit  | > 2000 mg/kg<br>> 2000 mg/kg, 24 Hours     |
| Inhalation   |         |  |
| LC50   | Rat     | > 7.5 mg/l, 6 Hours<br>> 4.6 mg/l, 4 Hours |
| Oral   |         |  |
| LD50   | Rat     | > 5000 mg/kg                               |
| White Mineral Oil (CAS 8042-47-5)                            |         |  |
| Acute  |         |  |
| Dermal   |         |  |
| LD50   | Rabbit  | > 2000 mg/kg, 24 Hours                     |
| Inhalation   |         |  |
| LC50   | Rat     | 2.18 mg/l, 4 Hours                         |

\* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation  
Not applicable.

|  |  |
|--|--|
| Serious eye damage/eye irritation                              | Direct contact with eyes may cause temporary irritation.   |
| Respiratory or skin sensitization                              |  |
| Respiratory sensitization                                      | Not available.   |
| Skin sensitization   | May cause an allergic skin reaction.   |
| Germ cell mutagenicity   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity  | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |
| IARC Monographs. Overall Evaluation of Carcinogenicity         |  |
| d-Limonene (CAS 5989-27-5)                                     | 3 Not classifiable as to carcinogenicity to humans.  |
| OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |  |
| Not listed.  |  |
| Reproductive toxicity  | This product is not expected to cause reproductive or developmental effects.                                     |
| Specific target organ toxicity - single exposure               | Not classified.  |
| Specific target organ toxicity - repeated exposure             | Not classified.  |
| Aspiration hazard  | Not available.   |

## 12. Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.

| Product  | Species |   | Test Results                       |
|--|---------|---|------------------------------------|
| 40 CT STAINLESS STEEL WIPES 6PK (CAS Mixture)                |         |   |                                    |
| Aquatic  |         |   |                                    |
| Crustacea  | EC50    | Daphnia   | 1420.4082 mg/l, 48 hours estimated |
| Fish   | LC50    | Fish  | 3.6022 mg/l, 96 hours estimated    |
| Components   |         |   |                                    |
| Distillates (Petroleum), Hydrotreated Light (CAS 64742-47-8) |         |   |                                    |
| Aquatic  |         |   |                                    |
| Fish   | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 2.9 mg/l, 96 hours                 |
| d-Limonene (CAS 5989-27-5)                                   |         |   |                                    |
| Aquatic  |         |   |                                    |
| Crustacea  | EC50    | Water flea (Daphnia pulex)                          | 69.6 mg/l, 48 hours                |
| Fish   | LC50    | Fathead minnow (Pimephales promelas)                | 0.619 - 0.796 mg/l, 96 hours       |

\* Estimates for product may be based on additional component data not shown.

|   |   |
|---|---|
| Persistence and degradability                     | No data is available on the degradability of this product.  |
| Bioaccumulative potential                         | No data available.  |
| Partition coefficient n-octanol / water (log Kow) |   |
| d-Limonene  | 4.232   |
| Mobility in soil                                  | No data available.  |
| Other adverse effects                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |

## 13. Disposal considerations

|                            |  |
|----------------------------|--|
| Disposal instructions      | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| Local disposal regulations | Dispose in accordance with all applicable regulations.   |
| Hazardous waste code       | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |

Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. Transport information

### DOT

|                              |   |
|------------------------------|---|
| UN number                    | UN3082  |
| UN proper shipping name      | Environmentally hazardous substances, liquid, n.o.s.                    |
| Transport hazard class(es)   |   |
| Class                        | 9   |
| Subsidiary risk              | -   |
| Label(s)                     | 9   |
| Packing group                | III   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Special provisions           | 8, 146, 335, IB3, T4, TP1, TP29   |
| Packaging exceptions         | 155   |
| Packaging non bulk           | 203   |
| Packaging bulk               | 241   |

### IATA

|                              |   |
|------------------------------|---|
| UN number                    | UN3287  |
| UN proper shipping name      | Toxic liquid, inorganic, n.o.s. (White Mineral Oil (111091))            |
| Transport hazard class(es)   |   |
| Class                        | 6.1(PGI, II)  |
| Subsidiary risk              | - I   |
| Packing group                | Yes   |
| Environmental hazards        | 6L  |
| ERG Code                     |   |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |
| Other information            |   |
| Passenger and cargo aircraft | Allowed.  |
| Cargo aircraft only          | Allowed.  |

### IMDG

|                              |   |
|------------------------------|---|
| UN number                    | UN3287  |
| UN proper shipping name      | TOXIC LIQUID, INORGANIC, N.O.S. (White Mineral Oil (111091))            |
| Transport hazard class(es)   |   |
| Class                        | 6.1(PGI, II)  |
| Subsidiary risk              | -   |
| Packing group                | I   |
| Environmental hazards        |   |
| Marine pollutant             | Yes   |
| EmS                          | F-A, S-A  |
| Special precautions for user | Read safety instructions, SDS and emergency procedures before handling. |

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

This substance/mixture is not intended to be transported in bulk.

### DOT



IATA; IMDG



Marine pollutant



General information

DOT Regulated Marine Pollutant. IMDG Regulated Marine Pollutant.

## 15. Regulatory information

US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Not listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA)

Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Not listed.

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Not regulated.

US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

#### International Inventories

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

#### 16. Other information, including date of preparation or last revision

Issue date 11-13-2014

Revision date 02-06-2015

Version # 03

**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**Revision Information** GHS: Classification