

Safety Data Sheet

“Super – Tuff”™

SECTION 1. IDENTIFICATION

“Super – Tuff”™ is an all purpose Cleaner-Degreaser.

Manufacturer or supplier’s details:

Company Address: **DOCTOR KLEAR, INC.**

12907 N. NORMANDY WAY—PALM BEACH GARDENS, FL 33410

PHONE: (561) 630 - 9975

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

| | |
|-----------------------------|---------------|
| Flammable liquids | : Category 4 |
| Acute toxicity (Oral) | : Category 4 |
| Acute toxicity (Inhalation) | : Category 4 |
| Acute toxicity (Dermal) | : Category 4 |
| Skin irritation | : Category 2 |
| Eye irritation | : Category 2A |

GHS Label Element

Hazard pictograms :



Signal word : Warning

Hazard statements : H227 Combustible liquid.
 H302 + H312 + H332 Harmful if swallowed, in contact with skin or if inhaled
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**
 P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P261 Avoid breathing dust/ fume/ gas/ mist/ vapours / spray.
 P264 Wash skin thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ eye protection/ face protection.
Response:
 P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P302 + P352 + P312 IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/ physician if you feel unwell.
 P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
 P305 + P351 + P338 IF IN EYES: Rinse cautiously 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.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.
 P362 Take off contaminated clothing and wash before reuse.
 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.

3. === Composition/Information on Ingredients ===

SUBSTANCE/MIXTURE: MIXTURE

| Ingredient | CAS No | Wt Percent |
|---------------------|-----------|------------|
| Potassium Hydroxide | 1310-58-3 | <2.5% |
| Glycol Ether EB | 11-76-2 | <10.5% |

4. First Aid Measures

INHALATION: Remove the victim into fresh air. Respiratory problems: Seek immediate medical attention.

EYE CONTACT: Rinse eyes gently with water for at least 15 minutes while holding eyelids apart. Remove contact lenses, if present and easy to do - continue rinsing. Seek immediate medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash exposed area with water. If symptoms persist, seek medical attention. Wash contaminated clothing before reuse.

INGESTION: If individual is drowsy or unconscious, do not give anything by mouth. Do not induce vomiting. If possible, do not leave individual unattended. Seek immediate medical attention.

NOTE TO PHYSICIANS: Medical observation and assessment is recommended for all ingestions, all eye exposures, and symptomatic inhalation and dermal exposures. For symptomatic ingestion, do not administer oral fluids and consider investigation by endoscopy, X-ray, or CT scan.

5. Fire Fighting Measures

Fire:

Flash point: 152°F Closed Cup

Auto ignition temperature: N/D

Hazard combustion products:

Thermal: Carbon and phosphorous oxides.

Fire Extinguishing Media:

Dry chemical, Carbon dioxide and water spray.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

8. Exposure Controls /Personal Protection**OCCUPATIONAL EXPOSURE LIMITS:**

| Component | CAS No. | TLV-ACGIH | TLV-OSHA |
|---------------------|-----------|---------------------|---------------------|
| Potassium hydroxide | 1310-58-3 | 2 mg/m ³ | 2 mg/m ³ |
| Glycol Ether EB | 11-76-2 | 50 ppm | 50 ppm |

APPROPRIATE ENGINEERING CONTROLS: Provide sufficient mechanical (general and/or local exhaust) ventilation to keep exposure to airborne contaminants below the exposure limits.

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION: If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable for concentrations up to 10 times the PEL. For higher concentrations, unknown concentrations and for oxygen deficient atmospheres, use a NIOSH approved air-supplied respirator. Engineering controls are the preferred means for controlling chemical exposures. Respiratory protection may be needed for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA 29 CFR 1910.134.

SKIN PROTECTION: Avoid skin contact. Wear gloves impervious to conditions of use. When potential for contact with wet material exists, wear Tychem[®] or similar chemical protective suit.

EYE PROTECTION: Splash proof chemical goggles in compliance with OSHA regulations are advised; or full face shield recommended to protect against splash of product. Have eye-wash stations available where eye contact can occur.

ADDITIONAL MEASURES: Protective Material Types: Butyl rubber, Natural rubber, Nitrile, Polyvinyl chloride (PVC), Tychem[®], Tyvek[®]

9. Physical/Chemical Properties

Appearance: Clear colorless liquid.

Odor: mild solvent smell

Solubility: completely in water.

Specific Gravity: 1.01 @ 68°F

pH: 12.0-13.0.

% Volatiles by volume @ 68°F: 90-91

Boiling Point: 212°F

Flash Point: 152°F

Melting Point: N/D

Vapor Density (Air=1): ~1

Vapor Pressure (mm Hg): 25 mm Hg @ 68°F

Evaporation Rate (BuAc=1): <1

10. Stability and Reactivity Data

Stability:

Stable under ordinary conditions of use and storage.

Hazardous Decomposition Products:

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Oxidizing materials.

Conditions to Avoid: Heat, flames, ignition sources and incompatibles.

11. Toxicological Information

ROUTES OF EXPOSURE: Inhalation, ingestion, skin and/or eye contact.

Acute Effects of this mixture:

| | |
|-------------|---|
| Skin: | Prolonged or repeated contact with strong forms may remove natural oils leading to dryness or rash. |
| Eye: | Produces rapid serious eye irritation. |
| Ingestion: | May be harmful to mucous membranes, mouth, throat and stomach. |
| Inhalation: | Concentrated mists may cause discomfort, cough or dizziness. |

Toxicological Data:

Oral rat LD50: N/D; inhalation rat LC50: N/D

Acute Dermal Toxicity:

N/D.

Carcinogenicity Assessment: Not classifiable as a human carcinogen.

12. Ecological Information

Environmental Fate:

Readily biodegradable

Environmental Toxicity: N/D

13. Disposal Considerations

Destroy by delivery to a RCRA approved incinerator. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. === Transport Information ===

Domestic (Land, D.O.T.) : Not regulated

Proper Shipping Name: Not regulated.

IMDG-Code: Not regulated as a dangerous good

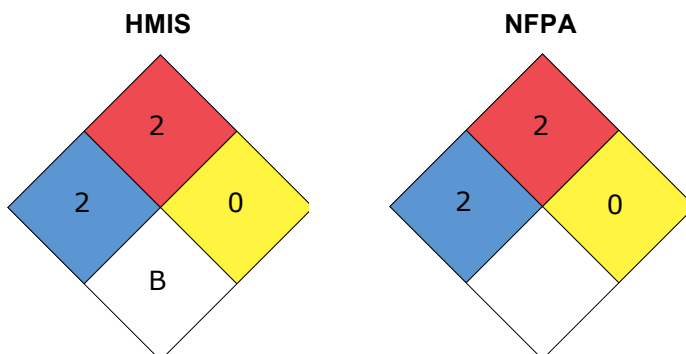
IATA (International Air Transport Association): Not regulated as a dangerous good

15. === Regulatory Information ===

SARA 304 Extremely Hazardous Substances Reportable Quantity - This material does not contain any components with a section 304 EHS RQ.

SARA 302 - No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 – The following components are subject to the reporting levels established by SARA Title III, Section 313: Glycol Ether EB (CAS 111-76-2) 100%



16. === Other Information ===

DOCTOR KLEAR, INC. MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS.

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