

SAFETY DATA SHEET TUFF SCRUB

VERSION 2.0



REVISION DATE 05/19/2016

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : **Tuff Scrub**
Product Use : Waterless Hand Cleaner

MANUFACTURER OR SUPPLIER'S DETAILS

Company : Power Line Industries, Inc.
Address : 14773 Heritage Crest Way
Riverton, UT 84065
Telephone : 801-545-0777

EMERGENCY TELEPHONE NUMBERS

For SDS Information	:	Compliance Services 1-866-624-8186
For a Medical Emergency	:	1-800-222-1222 or DIAL 911
For a Transportation	:	ChemTel, Inc. 1-800-255-3924

Note: This product is labeled as a consumer product in accordance with the United States Consumer Product Safety Commission regulations. The warnings presented below in this Safety Data Sheet (SDS) comply with the 2012 OSHA Hazard Communications Standard (GHS – Globally Harmonized System of Classification and Labeling). The requirements for the labeling and warnings of consumer products may differ from those required for GHS based hazard communication.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Liquid
Color	Blue
Odor	Citrus

GHS Classification

Classification of the product is in accordance with 29CFR 1910.1200

Acute toxicity – Oral	Category 4
Serious Eye damage/eye irritation	Category 2A
Respiratory Sensitization	Category 1
Skin sensitization	Category 1

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GHS Label Element

Hazard Pictograms :



- Hazard Statement :
- : May cause allergy or asthma symptoms or breathing difficulties if inhaled
 - : May eye and skin irritation
 - : Prolonged eye & skin contact can cause mild to moderate irritation, depending on the duration and concentration of exposure.
 - : May be harmful if swallowed

Precautionary Statements – Response

Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.
Inhalation	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
Ingestion	If SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F

Precautionary Statements – Disposal

Dispose of unused product and container in accordance with all applicable local and regional requirements.

Potential Health Effects

Carcinogenicity:

- IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
- NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known carcinogen or anticipated carcinogen by NTP.

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SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous Components

Chemical Name	CAS-No.	Concentration [%]
D-Limonene Oil	5989-27-5	5-10%*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

- General advice** : Do not leave the victim unattended
- If inhaled** : Move to fresh air.
If symptoms persist, call a physician
- In case of skin contact** : Flush contaminated area thoroughly for 15 minutes with water and remove any contaminated clothing. If any adverse health effect occurs obtain medical attention.
- In case of eye contact** : Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes.
Remove contact lenses, if possible.
If eye irritation persists, consult a specialist.
- If swallowed** : Clean mouth with water and afterwards drink plenty of water.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

Main Symptoms No information available

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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|--|---|--|
| Specific hazards during firefighting | : | May cause allergic respiratory reaction. |
| Hazardous combustion products | : | Carbon dioxide (CO ₂)
Carbon monoxide
Smoke |
| Special protective equipment for firefighters | : | Wear self-contained breathing apparatus for firefighting if necessary. |
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SECTION 6. ACCIDENTAL RELEASE MEASURES

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|--|---|--|
| Personal precautions, protective equipment and emergency procedures | : | Use personal protective equipment.
Ensure adequate ventilation.
Refer to protective measures listed in sections 7 and 8. |
| Environmental precautions | : | Prevent product from entering drains.
If the product contaminates rivers and lakes or drains inform respective authorities. |
| Methods and materials for containment and cleaning up | : | Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal. |
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SECTION 7. HANDLING AND STORAGE

- | | | |
|------------------------------------|---|---|
| Advice on safe handling | : | For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin and eyes.
Avoid exposure – obtain special instructions before use. |
| Conditions for safe storage | : | Electrical installations / working materials must comply with the technological safety standards. |
| Materials to avoid | : | Keep away from oxidizing agents and strongly acid or alkaline materials. |
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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Personal protective equipment

- Respiratory protection** : No personal respiratory protective equipment normally required.
 - Eye protection** : Safety glasses
 - Skin and body protection** : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 - Hygiene measures** : General industrial hygiene practice.
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** : liquid
- Color** : Red
- Odor** : Orange / Citrus
- Odor Threshold** : No data available
- pH** : No data available
- Freezing point** : 32 °F
- Boiling point** : 189 °F
- Flash point** : 78.8 ASTMD
- Evaporation rate** : Negligible
- Upper explosion limit** : No data available
- Lower explosion limit** : No data available

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Vapor pressure	: 4.1 PSI
Relative vapor density	: 2.883
Density	: No data available
Solubility(ies) Water Solubility	: Complete
Partition coefficient: n- octanol/water	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity Viscosity, kinematic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: Stable
Chemical stability	: Stable under normal conditions
Possibility of hazardous reactions	: Stable under recommended storage conditions. No hazards to be specially mentioned.
Conditions to avoid	: Stable under normal conditions. Excessive temperature variations below 32 °F or above 155 °F
Hazardous decomposition products	: Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation May cause allergy or asthma symptoms or breathing difficulties if inhaled.

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Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Repeated or prolonged skin contact may cause allergic reactions with susceptible persons.
Ingestion	Ingestion may cause stomach discomfort.

Information on toxicological effects

Symptoms No information available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

None known

Persistence and degradability

The organic components of the product are biodegradable.

Bioaccumulative potential

No information available

Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

- Waste disposal method : Dispose of contents/container in accordance with local regulations.
- Contaminated Packaging : Dispose of wastes in an approved waste disposal facility.

SECTION 14. TRANSPORT INFORMATION

International regulation

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UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

EPCRA – Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : No SARA Hazards

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

SARA 313 : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313

California Prop 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

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The components of this product are reported in the following inventories:

TSCA	On TSCA Inventory
DSL	All components of this product are on the Canadian DSL.
AICS	Not in compliance with the inventory
NZIoC	Not in compliance with the inventory
PICCS	Not in compliance with the inventory
IECSC	Not in compliance with the inventory

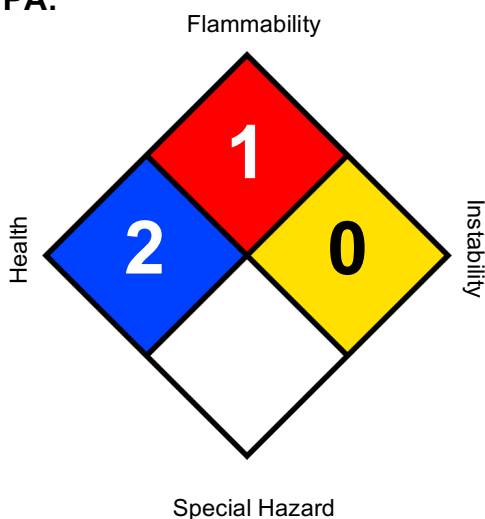
Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IESCS (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

SECTION 16. OTHER INFORMATION

Further information

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1= slight
2= moderate, 3 = high
4= extreme, * = chronic

OSHA GHS Label Information:

Hazard Pictograms :



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- Hazard Statement : May cause allergy or asthma symptoms or breathing difficulties if inhaled
: May cause an allergic skin reaction
: Causes eye irritation
: May be harmful if swallowed
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