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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Use : Degreaser

MANUFACTURER OR SUPPLIER'S DETAILS

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

l elephone		801-545-0777	
10100110	•		

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	Red
Odor	Citrus

GHS Classification

Acute Toxicity (oral)	:	Category 4
Eye irritation	:	Category 2A
Carcinogenicity	:	Category 2
Specific target organ toxicity –	:	Category 3 (Respiratory system)
single exposure		

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Hazard Pictograms
Signal word
Precautionary Statements

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P337 + P313 If eye irritation persists: Get medical advice / attention.
Storage:
P403 + P233 Store in a well-ventilated place.
Keep container tightly closed.
P405 Store locked up.
Disposal:
Dispose of contents/container in accordance with local regulation.

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.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous Components

Chemical Name	CAS-No.	Concentration [%]
d-Limonene	5989-27-5	*
Butoxy Ethanol	111-76-2	*

*Exact concentrations withheld as trade secret

SECTION 4. FIRST AID MEASURES

General advice : Do not leave the victim unattended

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lf inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician
In case of skin contact	:	In case of contact, immediately flush skin with plenty of water. Take off contaminated clothing and shoes immediately. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
In case of eye contact	:	Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Dry chemical, CO ₂ Foam
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses
Hazardous combustion products	:	Carbon dioxide (CO2) Carbon monoxide Smoke
Specific extinguishing methods	:	Smother to exclude air. Do not use water; handle as an oil fire.
Further information	:	Combustible liquid. Keep away from heat, sparks and open flame. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for firefighters	:	

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SECTION 6. ACCIDENTAL RELEASE MEASURES

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.

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	:	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.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

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Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normall 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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	Red
Odor	:	Citrus
Odor Threshold	:	No data available
рН	:	None
Melting point/freezing point	:	No data available
Boiling point	:	310 °F
Flash point	:	124 °
Evaporation rate	:	Negligible
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapor pressure	:	2mm Hg @20° C
Relative vapor density	:	No data available
Density	:	0.012 g/cm ³
Solubility(ies) Water Solubility	:	Soluble

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Partition coefficient: n- octanol/water	:	No data available
Auto-ignition temperature	:	Not determined
Thermal decomposition	:	No data available
Viscosity Viscosity, kinematic	:	5.4 mm2/s (20 °C)

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	:	Extreme Heat
Hazardous decomposition products	:	Smoke may be acrid and fume irritating. Burning generates CO, CO ₂ and smoke.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity <u>Product:</u> Acute oral toxicity	: Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method		
Skin corrosion/irritation No data available			
Serious eye damage / eye irritation No data available			
Respiratory or skin sensiti No data available	zation		

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Germ cell mutagenicity

No data available

Carcinogenicity No data available

Reproductive toxicity No data available

Nonylphenol, ethoxylated: STOT- Single exposure No data available

> **STOT- repeated exposure** No data available

Aspiration toxicity No data available

Further information
Product:
Remarks: no data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product: Partition coefficient: n-octanol/water :

Remarks: no data available

Mobility in soil No data available

Other adverse effects

No data available

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Product:		
Regulation	:	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone – CAA Section 602 Class I Substances
Remarks	:	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, kSubpt. A, App. A + B).
Additional ecological information	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues

: This product should not be allowed to enter drains, water courses or the soil. Dispose of in accordance with local regulations.

SECTION 14. TRANSPORT INFORMATION

International regulation 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

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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.

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

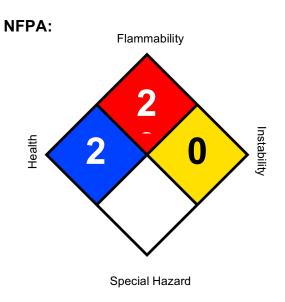
Inventory Acronym and Validity Area Legend:

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



HMIS III:

HEALTH	2
FLAMMABILITY	2
PHYSICAL HAZARD	0

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

OSHA GHS Label Information:

Hazard Pictograms :	
Signal Word	Warning: Harmful if swallowed. Causes serious eye irritation. May cause respiratory irritation. Suspected of causing cancer (State of California).
Precautionary Statements	Prevention: Keep out of reach of children. Read label before use. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame.

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Avoid breathing dust / fume / gas / mist / vapors / spray. Wash skin thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well ventilated area. Wear eye protection / face protection. Use personal protective equipment as required. Response: IF SWALLOWED: call a POISON CENTER or doctor / physician if you feel unwell. Rinse mouth. 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. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice / attention. If eye irritation persists: Get medical advice / attention. **Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. **Disposal:** Dispose of contents/container in

accordance with local regulation.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. Users should make their own investigations to determine the suitability and applicability of the information for their particular purposes. This SDS has been prepared by the Compliance Services organization supporting the manufacturer, supplier or distributor.