

# STIHL HEDGE TRIMMER BLADE / RESIN REMOVER

Packaged for Stihl Incorporated, 536 Viking Drive, Virginia Beach, VA 23452



## Safety Data Sheet

Conforms to HCS 2012 (29 CFR 1910.1200)

### Section 1. Identification

#### Product identifier

**Product Name:** STIHL HEDGE TRIMMER BLADE CLEANER / RESIN REMOVER (Aerosol)  
**Part/Product Number(s):** 7010-516-0002, 7010-516-0003,  
PLZ SDS #: RE1000044197  
**Material Use:** Multi-purpose hedge blade cleaner & resin remover.  
**Uses advised against:** None listed.  
**Manufacturer:** PLZ Corp  
8407 S. 77<sup>th</sup> Avenue  
Bridgeview, IL 60455  
(708) 598-7100  
**Distributor:** Omni Specialty Packaging, LLC  
10399 Hwy 1 South  
Shreveport, LA 71115  
1-318-524-1100  
**Issuing date:** June 4, 2015  
**Revision date:** April 3, 2024  
**Revision number:** 5  
**Company contact:** OMNI EHS Department: E-Mail: [sds@osp.cc](mailto:sds@osp.cc); Contact phone: 318-524-1100  
(Monday-Friday, 8:00 AM – 4:00 PM, CST)  
**In case of emergency:** CHEMTREC: Within USA and Canada: 1 (800) 424-9300 (24/7)  
CHEMTREC: Outside USA and Canada: +1 703-527-3887 (24/7)

### Section 2. Hazards Identification

**OSHA/HCS Status:** This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### GHS Classification of the Substance or Mixture:

Flammable Aerosol – Category 1  
Aspiration Hazard – Category 1  
Carcinogenicity - Category 1B

#### GHS Label Elements



#### Hazard pictograms:

**Signal word:** DANGER

**Hazard statement:** Extremely flammable aerosol.  
May cause cancer.  
May be fatal if swallowed and enters airways.

**Precautionary statements**

- General:** Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
- Prevention:** Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container – Do not pierce or burn, even after use.  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Use personal protective equipment as required.  
Wash hands thoroughly after handling.
- Response:** Do NOT induce vomiting.  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
IF exposed or concerned: Get medical advice/attention.
- Storage:** Store locked up.  
Store in a well-ventilated place.  
Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122 °F.
- Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
- Hazards not otherwise classified (HNOC):** None.

**Section 3. Composition/Information on Ingredients**

Mixture consisting of the following components, special 2-stroke gasoline.

**Substance/Mixture:** Mixture

Components Name	CAS number	Weight %*
Paraffin oils (petroleum), catalytic dewaxed light	64742-71-8	20 – <50
Kerosine (petroleum)	8008-20-6	20 – <50
Propane	74-98-6	10 – <20
Butane	106-97-8	10 – <20
Naphthalene	91-20-3	0.1 – <1

This product does not contain other known hazardous materials at the ≥ 1% level or known carcinogens at the ≥ 0.1% level as defined by 29 CFR 1910.1200.

\* The exact percentage of composition has been withheld as a trade secret.

**Section 4. First Aid Measures**

**Description of necessary first aid measures**

- Inhalation:** If inhaled, remove to fresh air.
- Skin contact:** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation or redness develops.
- Eye contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Check for and remove any contact lenses. Get medical attention.
- Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
- Protection of first-aiders:** No action shall be taken involving any personal risk or without suitable training. Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take

precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

See Section 11 for more detailed information on health effects and symptoms.

**Most Important**

**Symptoms and Effects:** Repeated exposure may cause skin dryness or cracking. May cause drowsiness or dizziness.

**Note to physician:** Treat symptomatically.

## Section 5. Fire-Fighting Measures

**NFPA Classification:** Level 3 Aerosol

**Extinguishing Media**

**General Fire Hazard:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

**Suitable Media:** In case of fire, use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use foam, alcohol foam, dry chemical, carbon dioxide (CO<sub>2</sub>) extinguisher or spray.

**Unsuitable Media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from the Chemical:**

Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.

**Protection of Fire Fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Avoid breathing vapors. Ventilate area.

**For emergency responders:** Response and clean-up crews must be properly trained and must use proper protective equipment (see Section 8). Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

**Methods and materials for containment and cleaning up**

**Small Spills:** Avoid breathing vapors. Ventilate area. Remove sources of ignition. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Large Spills:** Avoid breathing vapors. Ventilate area. Remove sources of ignition. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor.

## Section 7. Handling and Storage

**Precautions for safe handling**

**Protective measures:** Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Keep out of reach of children.

**Advice on general**

**occupational hygiene:** Do not get in eyes, on skin or on clothing. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See product label for additional information. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, Including any incompatibilities:** Store locked up in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, and strong oxidizing agents (see Section 10). Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Do not store above 120°F.

**Section 8. Exposure Controls/Personal Protection**

Control parameters

Occupational Exposure Limits:

Chemical name	ACGIH		OSHA		NIOSH	
	TLV TWA	STEL	PEL	STEL	TLV TWA	STEL
Paraffin oils (petroleum), catalytic dewaxed light (Mist) 64742-71-8	5 mg/m3	No data	5 mg/m3	10 mg/m3	5 mg/m3	10 mg/m3
Kerosine (petroleum) 8008-20-6	100 mg/m3	No data	No data	No data	100 mg/m3	No data
Propane 74-98-6	1000 ppm	No data	1000 ppm	No data	1000 ppm	No data
Butane 106-97-8	1000 ppm	No data	1000 ppm	No data	800 ppm	No data
Naphthalene 91-20-3	10 ppm	No data	10 ppm	15 ppm	10 ppm	15 ppm

**Appropriate engineering controls:** Ventilation should be sufficient to prevent inhalation of any vapors. General dilution and/or local exhaust ventilation should be used to keep vapor concentration of this product below occupational exposure and flammable limits, particularly in confined spaces.

Individual protection measures

Hygiene measures:

Keep away from foodstuffs, beverages and food. Wash hands, forearms and face thoroughly after handling product before eating, smoking and using the lavatory and at the end of the working period. Wash contaminated clothing before reusing. Avoid contact with the eyes and skin. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/Face Protection:

None under normal use. Safety glasses with side shields recommended. Use of safety glasses with side shields and/or face shield or chemical goggles should be used if indicated.

Skin and Body Protection

Hand protection:

None under normal use. Wear solvent resistant protective gloves if prolonged or repeated contact is likely.

Body protection:

None required for normal product use. However, use of solvent-resistant aprons or other clothing is recommended. Eyewash stations and safety showers are recommended in the workplace.

Respiratory protection:

None normally required if used outdoors or in a well-ventilated area. Avoid breathing vapors. If respiratory protection is required, use a suitable respirator selected using the NIOSH/MSHA selection criteria.

**Section 9. Physical and Chemical Properties**

Appearance

Physical State:

(Typical or Target)

Pressurized liquid

Color:

Clear

Odor:

Solvent

Odor threshold:

Not available

<b>pH:</b>	Not applicable
<b>Boiling Point:</b>	Not determined
<b>Flash Point (Closed cup):</b>	-Estimated -104.4 °C (-155.9 °F)
<b>Evaporation rate (Butyl acetate = 1):</b>	Slower than ether
<b>Flammability (solid, gas):</b>	Level 3 Aerosol
<b>Explosive limit – upper (%):</b>	Estimated 9.5 %(V)
<b>Explosive limit – lower (%):</b>	Estimated 1.9 %(V)
<b>Vapor pressure at 20 °C:</b>	3.723 -4.274 hPa
<b>Vapor density (Air = 1):</b>	>1
<b>Relative density at 20 °C:</b>	0.7607 g/cm3
<b>Solubility:</b>	Not miscible or difficult to mix
<b>Auto-ignition temperature:</b>	Not available
<b>Decomposition temperature:</b>	Not available
<b>Viscosity – Kinematic (cSt (mm2/s)@ 40°C):</b>	Not determined
<b>Viscosity – Kinematic (cSt (mm2/s) @ 100°C):</b>	Not determined
<b>VOC %:</b>	Not determined

**Section 10. Stability and Reactivity**

<b>Reactivity:</b>	Not reactive under normal storage conditions
<b>Chemical stability:</b>	Stable under normal storage conditions
<b>Possibility of hazardous reactions:</b>	None under normal processing.
<b>Hazardous polymerization:</b>	Hazardous polymerization does not occur.
<b>Conditions to avoid:</b>	Heat, flames and sparks.
<b>Incompatible materials:</b>	Acids, bases, strong oxidizing agents.
<b>Hazardous decomposition products:</b>	No data available.

**Section 11. Toxicological Information**

Information on toxicological effects

**Basis for Assessment:** Information given is based on product data, a knowledge of the components and the toxicity of similar products.

**Likely Routes of Exposure:** Exposure may occur via inhalation, ingestion, skin absorption

**Substance/Mixture**

<b>Acute Toxicity</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
Paraffin oils (petroleum), catalytic dewaxed light	No data	No data	No data
Kerosine (petroleum)	750 mg/kg (rat)	No data	>=24 mg/m3 (rat)
Propane		No data	
Butane	No data	No data	No data
Naphthalene			

<b>Acute Toxicity:</b>	Not classified.
<b>Aspiration hazard:</b>	Aspiration hazard – Category 1. May be fatal if swallowed and enters airways.
<b>Skin Corrosion/Irritation:</b>	Not irritating. No further relevant information available.
<b>Serious Eye Damage/Irritation:</b>	Not irritating. No further relevant information available.
<b>Respiratory Irritation:</b>	No further relevant information available.
<b>Skin Sensitization:</b>	No sensitizing effect known.
<b>Respiratory Sensitization:</b>	No sensitizing effect known.
<b>Specific Target Organ Toxicity (Single Exposure) - STOT-SE:</b>	No further relevant information available.
<b>Specific Target Organ Toxicity (Repeated Exposure) – STOT-RE:</b>	No further relevant information available.

**Carcinogenicity:** Naphthalene Suspected cancer hazard – may cause cancer.

Product/ingredient name	ACGIH	IARC	EPA	NIOSH	NTP	OSHA
Naphthalene	-	2B	-	-	2B	-

**Germ Cell Mutagenicity:** No further relevant information available.

**Reproductive Toxicity:** No further relevant information available.

**Numerical measures of toxicity**

**Acute toxicity estimates (Product):**

The following values are calculated based on chapter 3.1 of the GHS document.

**ATEmix (oral)** = Not classified for acute toxicity based on available data.

**ATEmix (dermal)** = 3,286.86 (Acute Toxicity – Dermal – Category 5; Low toxicity)

**ATEmix (inhalation)** = Not classified for acute toxicity based on available data.

**Section 12. Ecological Information**

The information is based on data available for the material, the components of the material, and similar materials.

**Ecotoxicity:** Product - No data available.

**Acute hazard to the aquatic environment:** Product

**Fish:** No data available.

**Aquatic invertebrates:** No data available.

**Chronic hazard to the aquatic environment:** Product

**Fish:** No data available.

**Aquatic invertebrates:** No data available.

**Mobility:** No further relevant information available.

**Soil/water partition coefficient (K<sub>oc</sub>):** Product - No data available.

**Persistence and degradation**

**Biodegradation:** No data available.

**Bioaccumulative potential**

**Bioaccumulation:** No data available.

**Other adverse effects:** No data available.

**Other ecological information:** No data available for this product.

**Section 13. Disposal Considerations**

Disposal recommendations based on material supplied.

**Waste treatment methods:** If this material becomes a waste, it would be expected to meet the criteria of a RCRA ignitable hazardous waste D001. It is the responsibility of the generator to determine at the time of disposal the proper classification and method of disposal. Consult the appropriate state, regional, or local regulations for additional requirements. The generation of waste should be avoided or minimized wherever possible.

**Contaminated packaging:** Empty containers or liners may retain some product residues and could pose a potential fire and explosion hazard. Do not cut, puncture, or weld containers.

**Other information:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport Information

**General information:** Gasoline mixture.

By Land	DOT Proper Shipping Name: None required per 49 CFR 173.306(i) for products that conform to the Limited Quantity provisions.
By Water	DOT & IMDG Proper Shipping Name: UN1950, Aerosols, 2.1, LTD QTY
By Air	DOT & IATA Proper Shipping Name: UN 1950, Aerosols, Flammable, 2.12, LTD QTY (packing instruction Y203 applies)

## Section 15. Regulatory Information

### United States Regulations

**United States Inventory (TSCA 8b):** All components are listed or exempted.

**SARA 302/304:** None present, or none present in regulated quantities.

**SARA 311/312 Hazard Categories:** Flammable (gases, aerosols, liquids, or solids)  
Carcinogenicity  
Aspiration Hazard


**SARA 313:** The following components of this material are found on the EPCRA 313 list:  
Naphthalene 0.1% by weight

**Supplier notification:** This product does not contain any hazardous ingredients at or above regulated thresholds.

**CERCLA:** This material, as supplied, contains the following substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302): Naphthalene, Diethyl phthalate

### State Regulations

**Massachusetts:** Paraffin oil (petroleum), catalytic dewaxed light, Butane, Propane  
**New Jersey:** Paraffin oil (petroleum), catalytic dewaxed light, Kerosine, Butane, Propane, Naphthalene  
**Pennsylvania:** Paraffin oil (petroleum), catalytic dewaxed light, Kerosine, Butane, Propane  
**Road Island:** No ingredient regulated by RI RTK Law present.  
**California Proposition 65:**

 **WARNING:** This product can expose you to chemical(s): Naphthalene, which is known to the State of California to cause cancer.

NOTE: For additional information on California Proposition 65 go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

### International Chemical Inventories:

All components comply with the following chemical inventory requirements:

**DSL Inventory List (Canada)** – On or in compliance with the inventory  
**NDSL Inventory List (Canada)** – Not in compliance with the inventory  
**Ontario Inventory List (Canada)** – On or in compliance with the inventory  
**New Zealand Inventory List** – On or in compliance with the inventory

## Section 16. Other Information

<b>NFPA Rating:</b>	<b>Health Hazard – 1</b>	<b>Flammability – 4</b>	<b>Instability/Reactivity – 0</b>
<b>HMIS Rating:</b>	<b>Health Hazard – 1</b>	<b>Flammability – 4</b>	<b>Physical Hazards – 0</b>

(NFPA & HMIS Hazard Rating Key: 0 - Minimum Hazard; 1 - Slight Hazard; 2 - Moderate Hazard; 3 - High Hazard; 4 - Extreme Hazard; \* - Chronic Hazard Indicator, & PPE - Personal Protective Equipment Index A to L. These values are obtained using the guidelines or published evaluations prepared by the National Fire Protection Association (NFPA) or the National Paint and Coating Association (for HMIS or Hazardous Material Identification System).

**Key to abbreviations:**

ACGIH = American Conference of Governmental Industrial Hygienists; CASRN = Chemical Abstracts Service Registry Number; CEILING = Ceiling Limit (15 minutes); CERCLA = The Comprehensive Environmental Response, Compensation, and Liability Act; EPA = Environmental Protection Agency; GHS = Globally Harmonized System; IARC = International Agency for Research on Cancer; INSHT = National Institute for Health and Safety at Work; IOPC = International Oil Pollution Compensation; LEL = Lower Explosive Limit; NE = Not Established; NFPA = National Fire Protection Association; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; PEL = Permissible Exposure Limit (OSHA); SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit (15 minutes); TLV = Threshold Limit Value (ACGIH); TWA = Time Weighted Average (8 hours); UEL = Upper Explosive Limit; WHMIS = Worker Hazardous Materials Information System (Canada)

**Prepared By: OMNI Specialty Packaging EH&S Department**

**Revision Date: April 3, 2024**

**Status: Final**

**Revision Note: Revision 5 – Review and update.**

Disclaimer

All reasonably practicable steps have been taken to ensure 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 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. This information is furnished upon condition that the person receiving it shall make their own determination of the suitability of the material for their particular purpose.

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**End of Safety Data Sheet**