



SOOT AWAY Soot Remover 10-1510 – SDS

SAFETY DATA SHEET

OSHA HCS (29 CFR 1910.1200)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Chemical Name	Mixture
CAS No.	Mixture
Trade Name	SOOT AWAY 10-1510

Relevant identified uses of the substance or mixture and uses advised against

Identified Use(s)	Cleaner
Uses Advised Against	None

Company Identification

UTILITY

700 Main Street
Westbury, NY 11590
1-516-997-6300
1-516-997-6345
info@UtilityChemical.com

Telephone

Fax

E-Mail

Emergency telephone number

Emergency Phone No.

Transportation Emergency: INFOTRAC 24 hr.
1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

OSHA HCS (29 CFR 1910.1200)

Flam. Aerosol 2; Compressed dissolved gas; Eye Irrit. 2; Skin Irrit. 2; STOT RE 1; STOT SE 3; Asp. Tox. 1; Repr. 2

Label elements

Hazard Symbol



DANGER

Signal word(s)

Hazard Statement(s)

Flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes serious eye irritation.
Causes skin irritation.
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Causes damage to organs through prolonged or repeated exposure: Central Nervous System
Suspected of damaging the unborn child. Route –oral.
May cause damage to organs through prolonged or repeated exposure: Neurological effects; Route – inhalation
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.

Precautionary Statement(s)



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Do not spray on an open flame or other ignition source.
 Do not pierce or burn, even after use.
 Do not eat, drink or smoke when using this product.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Wash hands and exposed skin thoroughly after handling.
 Avoid breathing spray.
 Use only outdoors or in a well-ventilated area.
 Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
 Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient(s)	% wt. *	CAS No.	Hazard classification
Hydrotreated Light Distillate	35 - 45	64742-47-8	Flam. Liq. 4; H227 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Kerosine (Petroleum) Hydrodesulfurized	35 - 45	64742-81-0	Flam. Liq. 3; H226 Skin Irrit. 2; H315 STOT SE 3; H336 Asp. Tox. 1; H304 Aquatic Acute 2; H401 Aquatic Chronic 2; H411
Manganese 2-ethylhexanoate	15 - 20	15956-58-8	Eye Irrit. 2; H319 Repr. 2; H361 STOT RE 2; H373 Aquatic Acute 3; H402 Aquatic Chronic 2; H411
Aliphatic hydrocarbons (Stoddard Solvent)	1 - 7	8052-41-3	Flam. Liq. 3; H226 Asp. Tox. 1; H304 STOT SE 3; H336 STOT RE 1; H372 Aquatic Acute 2; H401 Aquatic Chronic 3; H412
Carbon Dioxide	1 - 2	124-38-9	Compressed dissolved gas; H280

* The exact percentage withheld as a trade secret in accordance with 29 CFR 1910.1200.

Additional Information – None

SECTION 4: FIRST AID MEASURES



Description of first aid measures

Inhalation

Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention. Get medical advice/attention if you feel unwell.

Skin Contact

Wash affected skin with soap and water. If irritation (redness, rash, blistering) develops, get medical attention. Take off contaminated clothing and wash it before reuse.



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Eye Contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Aspiration of droplets may cause pulmonary oedema.

Indication of any immediate medical attention and special treatment needed

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

- Suitable Extinguishing Media
- Unsuitable Extinguishing Media

Extinguish with carbon dioxide, dry chemical, foam or water spray. Do not use water jet.

Special hazards arising from the substance or mixture

None

Advice for fire-fighters

A self contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with skin and eyes. Avoid breathing spray. Wear protective gloves/protective clothing/eye protection/face protection.

Environmental precautions

Prevent liquid entering sewers, basements and work pits. Avoid release to the environment. Collect spillage.

Methods and material for containment and cleaning up

Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections

None

Additional Information

None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing spray. Use product in a well-ventilated area only. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

- Storage temperature
- Incompatible materials

Store in a well-ventilated place. Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use(s)

Cleaner

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits



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SUBSTANCE.	CAS No.	(8hr TWA)		(STEL)		Note:
		PEL (OSHA)	TLV (ACGIH)	PEL (OSHA)	TLV (ACGIH)	
Mineral oils / Oil Mist	-----	5 mg/m3	5 mg/m3 ⁽¹⁾	-----	-----	⁽¹⁾ Inhalable
Alkanes (C9-C15)	-----	-----	1200 mg/m3	-----	-----	-----
Aliphatic hydrocarbons (Stoddard Solvent)	8052-41-3	500 ppm	100 ppm	-----	-----	-----
Manganese, elemental	-----	-----	0.02 mg/m3 ^(R)	5 mg/m3 ceiling	-----	^(R) Respirable
Carbon Dioxide	124-38-9	5,000 ppm	5,000 ppm	-----	30,000 ppm	#

#Assure minimum oxygen content of work atmosphere.

Recommended monitoring method

NIOSH 1550 (Naphthas); NIOSH 5026 (Oil mist; mineral) ; NIOSH 7300 (Elements by ICP)

Exposure controls

Appropriate engineering controls

Ensure adequate ventilation.

Personal protection equipment

Eye/face protection

Wear protective eyewear (goggles, face shield, or safety glasses).



Skin protection (Hand protection/ Other)

Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber or Butyl rubber). Check with protective equipment manufacturer's data.



Respiratory protection

Normally no personal respiratory protection is necessary. In case of insufficient ventilation, wear suitable respiratory equipment. Check with protective equipment manufacturer's data.



Thermal hazards

Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Aerosol spray
Color.	Clear
Odor	Petroleum spirit / Fuel oil-like
Odor Threshold (ppm)	Not available
pH (Value)	Not available
Melting Point (°C) / Freezing Point (°C)	Not available.
Boiling point/boiling range (°C):	Not available
Flash Point (°C)	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Flammable aerosol
Explosive Limit Ranges	Not available
Vapor pressure (Pascal)	Not available
Vapor Density (Air=1)	Not available
Density (g/ml)	Not available
Solubility (Water)	Not available
Solubility (Other)	Not available
Partition Coefficient (n-Octanol/water)	Not available
Auto Ignition Point (°C)	Not available



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Decomposition Temperature (°C)
 Kinematic Viscosity (cSt)
 Explosive properties
 Oxidizing properties
Other information

Not available
 < 20.5 @ 40°C
 Not explosive.
 Not oxidizing.
 None

SECTION 10: STABILITY AND REACTIVITY

Reactivity Stable under normal conditions.
Chemical stability Stable.
Possibility of hazardous reactions None anticipated.
Conditions to avoid Avoid contact with heat and ignition sources.
Incompatible materials This product should be stored away from sources of strong heat or oxidizing chemicals.
Hazardous decomposition product(s) Carbon monoxide, Carbon dioxide, Acrid smoke

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Hydrotreated Light Distillate (CAS No. 64742-47-8) - By analogy with similar materials:

Acute toxicity (calculated / estimated) Oral: LD50 >5000 mg/kg-bw
 Dermal: LD50 >2000 mg/kg-bw
 Inhalation: LC0 ≥5.28 mg/l (Vapor), 4-hr. rat - May cause drowsiness or dizziness.

Irritation/Corrosivity Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Sensitization It is not a skin sensitizer.

Repeated dose toxicity Oral: NOEAL 750 mg/kg
 Dermal: NOEAL 0.5 ml/kg bw
 Inhalation: NOAEL ≥1000 mg/m3

Carcinogenicity It is unlikely to present a carcinogenic hazard to man.

NTP	IARC	ACGIH	OSHA	NIOSH
No.	No.	No.	No.	No.

Mutagenicity Not to be expected
Reproductive toxicity Not to be expected

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Hydrotreated Light Distillate (CAS No. 64742-47-8) - By analogy with similar materials:

Short term LC50 (96 hour): 2.5 mg/L (fish)
 EC50 (48 hour): 1.4 mg/L (crustacea)
 EC50 (72 hour): 1.3 mg/L (algae)

Long Term NOEC (28 days): 0.098 mg/L (fish)
 LOEC (21 days): 1.2 mg/L (crustacea)
 LOEL (72 hour): 1 mg/L (algae)

Persistence and degradability Biodegradable
Bioaccumulative potential The product has no potential for bioaccumulation.
Mobility in soil Not available.
Results of PBT and vPvB assessment Not classified as PBT or vPvB.



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Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

	<u>U.S. DOT</u>	<u>Sea transport (IMDG)</u>	<u>Air transport (ICAO/IATA)</u>
UN number	1950	1950	1950
Proper Shipping Name	Aerosols, flammable	Aerosols, flammable	Aerosols, flammable
Transport hazard class(es)	2.1	2.1	2.1
Packing group	Not applicable	Not applicable	Not applicable
Environmental hazards	None assigned	None assigned	None assigned
Special precautions for user	None assigned	None assigned	None assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

Chemical Name	CAS No.	Typical %wt.	RQ (Pounds)
None	----	----	----

SARA 311/312 - Hazard Categories:

Fire Sudden Release Reactivity Immediate (acute) Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

Chemical Name	CAS No.	Typical %wt.
Manganese 2-ethylhexanoate	15956-58-8	15 - 20

SARA 302 - Extremely Hazardous Substances (40 CFR 355):

Chemical Name	CAS No.	Typical %wt.	TPQ (pounds)
None	----	----	----

California Proposition 65 List:

Chemical Name	CAS No.	Type of Toxicity
Naphthalene*	91-20-3	Cancer
Toluene*	108-88-3	Developmental
Ethylbenzene*	100-41-4	Cancer
Benzene*	71-43-2	Cancer; Developmental
Cumene*	98-82-8	Cancer

* Trace

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

Date of preparation: April 3, 2015



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Hazard Statement(s) and Risk Phrases Listed in: SECTION 2:/ SECTION 3:

Hazard Statement(s)

- H223: Flammable aerosol.
- H226: Flammable liquid and vapour.
- H227: Combustible liquid.
- H228: Flammable solid.
- H280: Contains gas under pressure; may explode if heated.
- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.
- H351: Suspected of causing cancer.
- H361: Suspected of damaging fertility or the unborn child.
- H372: Causes damage to organs through prolonged or repeated exposure.
- H373: May cause damage to organs through prolonged or repeated exposure.
- H400: Very toxic to aquatic life.
- H401: Toxic to aquatic life.
- H402: Harmful to aquatic life.
- H410: Very toxic to aquatic life with long lasting effects.
- H411: Toxic to aquatic life with long lasting effects.
- H412: Harmful to aquatic life with long lasting effects.

Training advice: None.

Disclaimer

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