



SAFETY DATA SHEET

According to 29CFR 1910.1200

Bug & Tar Remover

Section 1: Identification

GHS Product Name: Bug & Tar Remover
Product Code: BT16
Other means of identification: Not applicable (N/A)
Chemical Name/Synonyms: Not applicable (N/A)
Product Type: Liquid

Optimal Solutions Products
145 City View Cir
Pickens, South Carolina 29672
864-557-3767
www.OSproduct.com
Emergency number: Chemtrec 1-800-424-9300

Section 2: Hazard(s) Identification

Hazard Classification: Not classified.

SKIN CORROSION: Not classified.
EYE DAMAGE: Not classified.

Signal Word(s): No Signal Word

Hazard Statements:
H303: May be harmful if swallowed.
H313: May be harmful in contact with skin
H333: May be harmful if inhaled

Precautionary Statements:
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P103: Read label before use
P234: Keep in original container
P235: Keep Cool.
P261: Avoid breathing mist/ vapor spray.
P262: Do not get in eyes, on skin, or on clothing.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product
P273: Avoid Release to the Environment
P501: Dispose of the contents/containers according to the local, state and federal regulations.

Response Statements:
P301: IF SWALLOWED
P330: Rinse mouth.
P331: Do NOT induce vomiting.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P303: IF ON SKIN (or hair)
P361: Remove/Take off immediately all contaminated clothing.
P353: Rinse skin with water/shower.
P332: IF SKIN irritation occurs
P313: Get medical advice/attention
P304: IF INHALED
P340: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P341: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.



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Section 2: Hazard(s) Identification Continued

P342: IF experiencing respiratory symptoms
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P305: IF IN EYES
P351: Rinse cautiously with water for several minutes.
P338: Remove contact lenses, if present and easy to do. Continue rinsing.
P337: IF eye irritation persists
P313: Get medical advice/attention
P363: Wash Contaminated Clothing Before Reuse
P390: Absorb Spillage to Prevent Material Damage
P391: Collect Spillage
P321: Specific treatment (see First Aid information on product label and/or Section 4 of the SDS)

STORAGE STATEMENTS:

P401: Store in a secure manner. Keep container closed.
P403+235: Store in a well-ventilated place. Keep cool.

DISPOSAL STATEMENTS:

P501: Dispose of Contents/Container in Accordance with Local/State/Federal/International Regulations

SUPPLEMENTAL LABEL ELEMENTS:

Avoid contact with eyes. May cause irritation to the eyes. In case of contact with eyes, rinse immediately with plenty of water. If irritation persists, get medical attention.

CARCINOGENICITY:

Not listed by OSHA, IARC, OR NTP

Section 3: Composition/ Information on Ingredients

Substance / Mixture: Mixture

Chemical Name	Synonym	CAS#	Conc.
Sodium Carbonate		497-19-8	1 – 5 %
Nonionic Surfactant Blend		Proprietary	1 – 5 %

Synonyms: N/A

Special Notes: N/A

Disclosure Statement:

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8.

Section 4: First-Aid Measures

After skin contact:

Wash with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 15 minutes. Wash clothing before reuse. Clean shoes thoroughly before reuse. If irritation or burn occurs get medical attention.

After eye contact:

Immediately flush eyes with plenty of water. If possible, remove contact lenses. Rinse for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention.

After inhalation:

Remove from exposure and move to fresh air immediately and keep in a position comfortable for breathing. Give artificial respiration if necessary. Obtain medical attention if necessary.

After swallowing:

DO NOT INDUCE VOMITING. If person is conscious, wash out mouth with water. Never give anything to an unconscious person. Consult a physician or medical facility with regards to inducing vomiting.



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Section 4: First-Aid Measures Continued

Most important symptoms/effects, acute and delayed -

Potential acute health effects:

Eye contact.	May cause slight transient irritation.
Inhalation	No known significant effects or critical hazards.
Skin contact	No known significant effects or critical hazards.
Ingestion	Ingestion may cause gastrointestinal irritation and diarrhea.

Over-exposure signs/symptoms

Eye contact	pain or irritation watering redness
Inhalation	No specific data
Skin contact	No specific data
Ingestion	No specific data

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments:	No specific treatment.

See toxicological information (Section 11)

Section 5: Fire-Fighting Measures

Suitable extinguishing agents:

Not combustible, however, if material is involved in a fire: Use fine water spray, normal foam, carbon dioxide or dry chemical powder

Special protective equipment for firefighters:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Specific hazards arising from the chemical:

If in a fire or if heated, a pressure increase will occur, and the container may burst

Hazardous thermal decomposition products:

Decomposition products may include the following materials:

carbon dioxide
carbon monoxide
metal oxide/oxides

Section 6: Accidental Release Measures

Personal precautions:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through material. Put on appropriate personal protective equipment.

Environmental protection:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Measures for cleaning/collecting:

Small spill –	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a license waste disposal contractor.
Large spill –	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. 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 (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.



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Section 6: Accidental Release Measures Continued

Waste Disposal Method: Check federal, state, and local codes.

Section 7: Handling and Storage

Precautions for safe handling:

Handle in accordance with good industrial hygiene and safety precautions. Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest. Use only with adequate ventilation. Keep in original container. Do not reuse container. Use appropriate personal protective equipment (see Section 8).

Conditions for safe storage:

Store in accordance with local regulations. Store in original container protected from direct sunlight. Store in segregated and approved area. Keep container closed and store at moderate temperature in a well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure Controls/Personal Protection



Exposure Guidelines

<u>Ingredient name</u>	<u>CAS #</u>	<u>ACGIH</u>	<u>OSHA</u>	<u>California</u>
Sodium Carbonate	497-19-8	TLV (5 mg/m ³)	PEL (TWA) (10 mg/m ³)	

Engineering Controls:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local ventilation to keep airborne levels of vapor or mist to acceptable levels.

Personal Protection Equipment

Respiratory:

If a risk assessment indicates this is necessary, use a properly fitted, air-purifying or air fed respirator complying with an approved standard. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hands:

Chemical-resistant protective gloves should be always worn when handling chemical products

Eyes and Face:

Wear approved safety glasses or chemical splash goggles. Use a face shield when appropriate.
Recommended: splash goggles

Skin:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Work Hygiene Practices: Avoid contact with skin, eyes, and clothing. Do not breathe vapor or mist. Do not ingest.

Other use Precautions: Wear appropriate protective clothing to prevent skin exposure.

Personal protective equipment
(Pictograms)





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Section 9: Physical and Chemical Properties

Form:	Green Liquid	Upper flammability or explosive limits:	N/A
Odor:	Surfactant (Slight)	Lower flammability or explosive limits:	N/A
Odor Threshold:	Not Available.	Vapor pressure:	N/A
pH:	11.2	Vapor density:	N/A
Relative Density:	1.045	Partition coefficient: n-octanol/water:	N/A
Freeze Point:	N/A	Auto Ignition Temp:	N/A
Boiling point:	N/A	Decomposition temperature:	N/A
Flash point:	Closed cup: Not applicable.	Viscosity:	N/A
Evaporation rate:	N/A	VOC (% wt.):	0.0 % (EPA Method 24)
Flammability:	N/A	Percent Volatile:	N/A
Solubility:	Easily soluble in the following materials: cold water and hot water.		

Section 10: Stability and Reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	No specific data.
Incompatible materials:	No specific data.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Storage:	Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 11: Toxicological Information

Information on the likely routes of exposure: Dermal contact. Eye contact. Inhalation. Ingestion.

Potential acute health effects:

Eye contact:	May cause slight transient irritation.
Inhalation:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Ingestion:	Ingestion may cause gastrointestinal irritation and diarrhea.

Symptoms related to the physical, chemical, and toxicological characteristics

Eye contact:	pain or irritation watering redness
Inhalation:	No specific data.
Skin contact:	No specific data.
Ingestion:	No specific data.

Delayed and immediate effects and chronic effects from short and long term exposure

Short term exposure

Potential immediate effects:	Not available.
Potential delayed effects:	Not available.



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Section 11: Toxicological Information Continued

Long term exposure

Potential immediate effects: Not available.

Potential delated effects: Not available.

Potential chronic health effects: Not available.

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates:

Route	ATE value
Oral	163973.7 mg/kg

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: Not available.

Section 13: Disposal Considerations (non-mandatory)

WASTE DISPOSAL METHOD: Dispose of material in accordance with all federal, state, and local regulations

NEUTRALIZING CHEMICALS: Dispose of in accordance with all federal, state, and local regulations

GENERAL DISPOSAL CONSIDERATIONS: Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

Section 14: Transport Information (non-mandatory)

IATA/IMDG/DOT/TDG: Please refer to the **Bill of Lading/ receiving documents for up-to-date shipping information.**

DOT (Department of Transportation): This product is not regulated by the DOT.

PROPER SHIPPING NAME: ORGANIC COMPOUND, N.O.S.(Sodium Carbonate)
CLEANING COMPOUND, LIQUID (Gallon - Limited Quantity), Bug & Tar Remover.

UN/NA NUMBER: Not applicable.

HAZARD CLASS: Not applicable.

PACKING GROUP: Not applicable.

EMERGENCY RESPONSE GUIDEBOOK: Not applicable.

PLACARD/LABELS REQUIRED: Not applicable.

Section 15: Regulatory Information (non-mandatory)

OSHA HAZARDOUS CHEMICAL: N/A

SARA Section 302/304: No products were found.

SARA Section 311/312 Hazards: Not applicable.

SARA Section 313: N/A

Hazardous Air Pollutants: None

National Toxicology Program (NTP): N/A

Toxic Substances Control Act: All components of this product comply with the inventory requirements administered by the governing agency.
(TSCA)

State Regulations:

Massachusetts None of the components are listed.

New York None of the components are listed.

New Jersey None of the components are listed.

Pennsylvania None of the components are listed.

California Prop 65 None of the components are listed.



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Section 15: Regulatory Information (non-mandatory) Continued

Canada:

Canadian Lists:

Canada NPRI

None of the components are listed.

Canada Inventory.

All components are listed or exempted.

Canadian PCP/DIN Number:

N/A

International Regulations:

International lists.

Australia inventory (AICS): All components are listed or exempted.

China inventory (IECSC): All components are listed or exempted.

Japan inventory: Not determined.

Korea inventory: All components are listed or exempted.

Malaysia Inventory (EHS Register): Not determined.

New Zealand Inventory of Chemicals (NZIoC): All components are listed or exempted.

Philippines inventory (PICCS): All components are listed or exempted.

Taiwan Chemical Substances Inventory (TCSI): All components are listed or exempted.

EPA Registration Number:

N/A

Clean Air Act Section 112:

Not listed

Section 16: Other Information

HMIS: Health = 2; Flammability = 0; Reactivity = 0; Personal Protection Equipment = B

The information herein has been from sources believed to be accurate, reliable and up to date to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

SDS date of preparation/update: 01/01/2025