

SECTION 1. IDENTIFICATION Product name Product code Manufacturer or supplier's details Company		:Homeline Pine Scented Disinfectant Cleaner : Pine Glo 414 S. Main St Rolesville, NC 27571 USA Business Telephone 919-556-7787	
E-mail address Emergency telephone number		:info@pinegloproducts.com : 919-761-3268 For US only CHEMTREC 1-800-424-9300	
Recommended use of the chemical and restrictions on use Recommended use : Biocides			
SECTION 2. HAZARDS IDENTIFICATION			
GHS Classification Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200			
GHS label elements Not a hazardous substance or mixture according to US Regulation 29 CFR 1910.1200 Based on available data, the classification criteria are not met. Handle in accordance with good industrial hygiene and safety practice.			
Precautionary statements : Prevention: P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray. P262 Do not get in eyes, on skin, or on clothing. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.			
Response: P314 Get medical advice/ attention if you feel unwell.			
Storage: P402 + P404 Store in a dry place. Store in a closed container. P410 + P403 Protect from sunlight. Store in a well-ventilated place.			
Disposal: P501 Dispose of contents/container in accordance with local regulation.			
Other hazards None known.			
SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS			
Hazardous components			
Chemical name	CAS-No.	Concentration (%)	
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3	< 0.10	
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	68424-85-1	< 0.10	

SECTION 4. FIRST AID MEASURES	
<p>If inhaled : Move to fresh air.If unconscious, place in recovery position and seek medical advice. In case of skin contact : Wash with water and soap as a precaution.If on clothes, remove clothes. In the case of skin irritation or allergic reactions see a physician. In case of eye contact : Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.</p>	
Most important symptoms and effects, both acute and delayed	: No information available.
Notes to physician	: Treat symptomatically.
SECTION 5. FIREFIGHTING MEASURES	
<p>Suitable extinguishing media : Water spray Alcohol-resistant foam Dry chemical Unsuitable extinguishing media : High volume water jet Specific hazards during firefighting : Heating or fire can release toxic gas. Further information : Use water spray to cool unopened containers.</p>	
Special protective equipment for firefighters	: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
SECTION 6. ACCIDENTAL RELEASE MEASURES	
<p>Personal precautions, protective equipment and emergency procedures : Use personal protective equipment. Environmental precautions General advice : Try to prevent the material from entering drains or water courses.</p>	
Methods and materials for containment and cleaning up	: Neutralise with acid. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
SECTION 7. HANDLING AND STORAGE	

Advice on safe handling : No special precautions required. Conditions for safe storage : Keep container tightly closed. Keep in a well-ventilated place. Electrical installations / working materials must comply with the technological safety standards. To maintain product quality, do not store in heat or direct sunlight. Materials to avoid : No special restrictions on storage with other products. Do not store near acids. **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection

Remarks : Wear protective gloves. Break through time : > 480 min 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 : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : no data available

Odour	: None known.	Odour Threshold	: no data available
pH	: 11	Melting point/range	: no data available
Boiling point/boiling range	: no data available	Flash point	: > 93.34 °C
Evaporation rate	: no data available	Flammability (solid, gas)	:
Upper explosion limit	: no data available	Lower explosion limit	:
Vapour pressure	: no data available	Relative vapour density	:
Relative density	: no data available	Density	:
Solubility(ies)	: no data available	Water solubility	: soluble
Partition coefficient: n-octanol/water	: no data available		
Auto-ignition temperature	: no data available		
Decomposition temperature	: no data available		
Viscosity, dynamic	: no data available		
Viscosity, kinematic	: not determined		
Explosive properties	: No hazards to be specially mentioned.		
Oxidizing properties	: no data available		
SECTION 10. STABILITY AND REACTIVITY			
Reactivity	: No decomposition if stored and applied as directed.		
Chemical stability	: Stable under recommended storage conditions. Possibility of hazardous reactions		
Stable under normal conditions	: None known.		

Stable under recommended storage conditions. No hazards to be specially mentioned. Conditions to avoid : Heat Incompatible materials : Strong acids and strong bases Oxidizing agents	
Hazardous decomposition products	: No decomposition if used as directed.
SECTION 11. TOXICOLOGICAL INFORMATION	
Information on likely routes of exposure Acute toxicity	: Inhalation Ingestion Eyes Skin
Acute oral toxicity (LD50)	: > 5,000 mg/kg
Acute dermal toxicity (LD50)	: > 2,000 mg/kg
Species: Rabbit	
Skin corrosion/irritation	
Skin irritation	: non irritant Species: Rabbit
Serious eye damage/eye irritation	
Eye irritation	: minimal irritant Species: Rabbit
Respiratory or skin sensitisation	
Sensitisation	: Remarks: no data available
Germ cell mutagenicity	
Genotoxicity in vitro	: Remarks: no data available
Carcinogenicity	
Carcinogenicity	: Result: no data available
Reproductive toxicity	
Effects on fertility	: Remarks: no data available
STOT - single exposure Remarks: no data available	
STOT - repeated exposure Remarks: no data available	

<p>Aspiration toxicity No aspiration toxicity classification</p> <p>Further information Remarks: no data available</p> <p>SECTION 12. ECOLOGICAL INFORMATION</p>	
<p>Ecotoxicity Toxicity to fish : Remarks: no data available degradability Biodegradability : Result: no data available potential Bioaccumulation : Remarks: no data available Bioaccumulative potential Bioaccumulation : Remarks: no data available</p>	
<p>Mobility in soil Distribution among environmental compartments Other adverse effects</p>	<p>: Remarks: no data available</p>
<p>Additional ecological information : There is no data available for this product. no data available</p> <p>SECTION 13. DISPOSAL CONSIDERATIONS</p>	
<p>Disposal methods Waste from residues : Dispose of in accordance with local regulations. Dispose of contents/container in accordance with local regulation. Contact waste disposal services. Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.</p>	
<p>SECTION 14. TRANSPORT INFORMATION</p>	
<p>IATA Not dangerous goods UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Not applicable Environmental hazards : no IMDG Not dangerous goods</p>	

ADRRID DOT	UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Marine pollutant: no:Not Environmental hazards : Not applicable dangerous goods : Not applicable UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Not applicable Environmental hazards : no:Not dangerous goods UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Not applicable Environmental hazards : no:Not dangerous goods UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Not applicable Environmental hazards : no
TDG	: Not dangerous goods
UN number : Not applicable Proper shipping name : Not applicable Transport hazard class : Not applicable Packing group : Not applicable Environmental hazards : no Special precautions for user : none	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable
SECTION 15. REGULATORY INFORMATION	

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals.Signal word : CAUTION!Hazard statements : Causes moderate eye irritation.Avoid contact with skin and clothing.EPA No. : 6836-152EPCRA - **Emergency Planning and Community Right-to-Know Act SARA 311/312 Hazards**See above: SECTION 2. Hazard Identification-GHS Classification**SARA 302**No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.**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.**US State Regulations****Massachusetts Right To Know**No components are subject to the Massachusetts Right to Know Act.**Pennsylvania Right To Know**No components are subject to the Pennsylvania Right to know act**New Jersey Right To Know**No components are subject to the New Jersey Right to know act**California Prop. 65**

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

SECTION 16. OTHER INFORMATION

Revision Date : 2018.01.25

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 a 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.