



SAFETY DATA SHEET

Kleenco, Incorporated
Review Date 15-June 2016
Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Identifier

Product Name EarthWatch KleenShiner
Product Code 013-0461

Recommended use of the chemical and restrictions on use
Follow label instructions for proper use.

Details of the supplier of the safety data sheet

Kleenco Products, Incorporated
PO Box 1786
Bellevue, WA 98009
425-883-2976
msds@kleenco.com

Emergency telephone number
Infotrac
800-535-5053

2. HAZARDS IDENTIFICATION

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122).

OSHA Hazards: Irritant
Target Organs: Skin
Signal Words: Warning
Pictograms:



GHS Classification:

Skin Corrosion/irritation	Category 2
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GHS Label Elements, including precautionary statements:

Hazard Statements:

Causes skin irritation

Precautionary Statements:

Wash hands and any exposed skin thoroughly after handling.
Wear eye/face protection
Wear protective gloves

Response:

Eyes	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin	If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse.
Specific Treatment	See Safety Data Section 4: "FIRST AID MEASURES" for additional information.
Storage	Not applicable
Disposal	Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

CAS#	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	60-100%
141-4.3-5	Monoethanolamine	1-10%
61790-12-3	Tall Oil Fatty Acid	1-10%

All chemicals above cut off point are listed. Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

Eye Contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
Skin Contact	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical attention.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
Ingestion	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If conscious, rinse out mouth with water. Get medical attention if you feel unwell. NOTE TO PHYSICIAN. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable (and unsuitable) extinguishing media	Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire.
Specific hazards arising from the chemical.	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products.	May include Carbon monoxide, Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters	Wear MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire exposed containers with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
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Environmental precautions	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods and materials for containment and cleaning up.	Prevent further leakage or spillage if safe to do so. Contain and collect spillage 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).

7. HANDLING AND STORAGE

Safe Handling	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Keep from freezing.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits	None established
Engineering Controls	Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered.
PERSONAL PROTECTIVE EQUIPMENT	
Eye/Face Protection	Wear splash goggles.
Skin and Body Protection	Wear rubber or other chemical-resistant gloves.
Respiratory Protection	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of a NIOSH/MSHA approved respirator suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations	Wash hands and any exposed skin thoroughly after handling. See 29CFR 1910.132-138 for further guidance.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Orange liquid
Odor	Sassafras
Odor threshold	No data
Color	Orange
pH	<11.0
Melting point/freezing point	No data
Initial boiling point and boiling range	No data
Flash point	Not flammable
Evaporation rate	No data
Flammability	Not flammable
Upper/lower flammability or explosive limit	Not explosive
Vapor pressure	No data
Vapor density	No data
Relative density	No data
Solubility	Completely soluble in water
Partition coefficient n-octanol/water	No data
Auto-ignition temperature	No data

Decomposition temperature	No data
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10. STABILITY AND REACTIVITY

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	This material is considered to be non-reactive under normal conditions of use.
Conditions to avoid	Extremes of temperature and direct sunlight.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	May include carbon monoxide, carbon dioxide (CO ₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Likely routes of exposure	Eyes, Skin, Ingestion, Inhalation
Symptoms of Exposure	
Eye Contact	Possible irritation.
Skin Contact	Pain, redness and cracking of the skin.
Inhalation	Nasal discomfort and coughing.
Ingestion	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information	Data not available or insufficient for classification.

Carcinogenicity	No components of this product present at levels greater than or equal to 0.1% are listed as probable, possible or confirmed human carcinogen by ACGIH, IARC, NTP, or OSHA.
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Chronic Toxicity	Not available.
Teratogenicity	Not available
Mutagenicity	Not available
Embryotoxicity	Not available
Specific Target Organ Toxicity	Not available

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic Vertebrate	Not available
Aquatic Invertebrate	Not available
Terrestrial	Not available

Persistence and Degradability	Not Available
Bioaccumulative Potential	Not Available
Mobility in Soil	Not available
PBT and vPvB Assessment	Not Available
Other Adverse Effects	Not Available

13. DISPOSAL CONSIDERATIONS

Waste Residues	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.
Product Containers	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

14. TRANSPORT INFORMATION

US DOT	Not regulated/Compound Cleaning Liquid, NOI, Class 55
IMDG	Not regulated
Marine Pollutant	Not regulated
IATO/ICAO	Not regulated

15. REGULATORY INFORMATION

TSCA INVENTORY STATUS	All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.
California Proposition 65	Not listed
SARA 302	Not listed
SARA 304	Not listed
SARA 311/312	151-21-3, 141-43-5, Fire/Acute health hazard
SARA 313	None
WHMIS Canada	

16. OTHER INFORMATION

Revision	Date
Revision 2	12/15/2016

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