

Material Safety Data Sheet

WATERLESS CLEANER

1. Product and company identification

Product name	WATERLESS CLEANER	In case of emergency	1-800-843-6174
Code	1130FC	Validation date	7/27/2011.
Material uses	Oil-based cleaner	Print date	11/8/2011.
Manufacturer	Essential Industries, Inc. P.O. Box 12 Merton, WI 53056-0012 Phone: 262-538-1122	Responsible name	Regulatory Affairs Department

Hazardous Material Information System (U.S.A.)

Health	1	HAZARD RATING
Flammability	2	4 = Extreme
Physical hazards	0	3 = High
Personal protection	B	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

2. Hazards identification

Emergency overview FLAMMABLE LIQUID AND VAPOR. COMBUSTIBLE. CONTAINS MATERIAL THAT MAY CAUSE TARGET ORGAN DAMAGE, BASED ON ANIMAL DATA.
Flammable liquid. Keep away from heat, sparks and flame. Avoid breathing vapor or mist. Avoid contact with skin and clothing. Contains material that may cause target organ damage, based on animal data. Use only with adequate ventilation. Keep container tightly closed and sealed until ready for use.

Potential acute health effects due to overexposure

Inhalation No known significant effects or critical hazards.
Ingestion No known significant effects or critical hazards.
Skin May cause skin irritation.
Eyes Moderately irritating to eyes.

Potential chronic health effects due to overexposure

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.

See toxicological information (section 8)

3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Stoddard solvent	8052-41-3	60 - 100

4. First aid measures

Eye contact Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

Skin contact In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Get medical attention immediately.

Inhalation Move exposed person to fresh air. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

Ingestion Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

5. Fire-fighting measures

Flammability of the product	Flammable liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard.
Extinguishing media	
Suitable	Use dry chemical, CO ₂ , water spray (fog) or foam.
Special exposure hazards	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
Flash point	Closed cup: 39°C (102.2°F)

6. Control and preventive measures

Storage	Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. 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.
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Ingredient	Exposure limits
Stoddard solvent	OSHA PEL (United States, 11/2006). TWA: 500 ppm 8 hour(s). TWA: 2900 mg/m ³ 8 hour(s).

Personal protection

Respiratory	Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. 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, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
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.
Eyes	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

Methods for cleaning up

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. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Waste disposal	The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

7. Physical and chemical properties

Physical state	Liquid	Boiling/condensation point	179°C (354.2°F)
Color	Blue		
Odor	Solvent		
VOC	99.9%	Weight per Gallon:	6.48 lbs./gal.
1% pH:	N.E.	Specific Gravity:	0.78 gm/ml

8. Toxicological information

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Stoddard solvent	LD Oral	Rat	>5 g/kg	-
	LC50 Inhalation Gas.	Rat	>1400 ppm	8 hours

Conclusion/Summary Not available

Chronic toxicity

Conclusion/Summary Not available

9. Transport information

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
DOT Classification	UN1993	Bulk Proper Shipping Name: Flammable liquid, N.O.S. (Aliphatic hydrocarbons) (Stoddard solvent)	3	III	A red diamond-shaped hazard label with a flame icon in the center, the text 'FLAMMABLE LIQUID' above the flame, and the number '3' below the flame.	- Non-Regulated (Ltd. Qty. - Domestic Only)

PG* : Packing group