Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product ID:	**472400**
Product Name:	Guardsman 16 oz. Dry Cleaning Fluid
Product Use:	Furniture Maintenance and Repair
Print date:	10/Jan/2012
Revision Date:	10/Jan/2012

Company Identification

Guardsman, a division of Valspar
4999 36th St SE
Grand Rapids, MI 49512
USA

Manufacturer's Phone:	1-800-253-3957
24-Hour Medical Emergency Phone:	1-888-345-5732

2. HAZARDS IDENTIFICATION

Primary Routes of Exposure:
Eye, skin, ingestion, inhalation

Eye Contact:

- Moderate eye irritation

Skin Contact:

- Causes skin irritation.
- Can be absorbed through skin.

Ingestion:

- Irritation of the mouth, throat, and stomach.
- Aspiration hazard if swallowed - can enter lungs and cause damage.

Inhalation:

- Causes respiratory tract irritation.
- Harmful by inhalation.

Target Organ and Other Health Effects:
- Causes headache, drowsiness or other effects to the central nervous system.
- Liver injury may occur.
- Kidney injury may occur.

This product contains ingredients that may contribute to the following potential chronic health effects:
- Notice: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Teratogens:
- Contains material that may cause adverse reproductive effects.

3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Ingredient Name CAS-No.	Approx. Weight %	Chemical Name
STODDARD SOLVENT 8052-41-3	65 - 70	Stoddard solvent
NAPHTHA 64742-89-8	10 - 15	SOLVENT NAPHTHA, PETROLEUM, LIGHT ALIPH
XYLENE 1330-20-7	10 - 15	Xylenes (o-, m-, p- isomers)
PROPRIETARY ADDITIVE	1 - 5	PROPRIETARY ADDITIVE
ETHYLBENZENE 100-41-4	1 - 5	Ethyl benzene

If this section is blank there are no hazardous components per OSHA guidelines.

4. FIRST AID MEASURES

Eye Contact:
Immediately flush eye(s) with plenty of water. Get medical attention, if symptoms develop or persist.

Skin Contact:
Remove contaminated clothing and shoes. Wash off with plenty of water. Get medical attention, if symptoms develop or persist.

Ingestion:
If swallowed, call a poison control center or doctor immediately.

Inhalation:
Move to fresh air. Get medical attention immediately.

Medical conditions aggravated by exposure:
Any respiratory or skin condition.

5. FIRE FIGHTING MEASURES

Flash point (Fahrenheit):	58
Flash point (Celsius):	14

Unusual fire and explosion hazards:
None known.

Extinguishing media:
Carbon dioxide, dry chemical, foam and/or water fog.

Fire fighting procedures:
Standard procedure for chemical fires. Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Action to be taken if material is released or spilled:
Remove all sources of ignition. Ventilate the area. Avoid contact with eyes. Avoid breathing dust or vapor. Wipe, scrape or soak up in an inert material and put in a container for disposal. See section 7, "Handling and Storage", for proper container and storage procedures.

7. HANDLING AND STORAGE

Precautions to be taken in handling and storage:
Keep away from heat, sparks and open flame. - No smoking. Do not store above 120 degrees F. (49 degrees C). Empty containers may contain product residue, including flammable or explosive vapors. Do not cut, puncture or weld on or near container. Use only as directed. KEEP OUT OF THE REACH OF CHILDREN.

8. PERSONAL PROTECTIVE EQUIPMENT AND EXPOSURE CONTROLS

Personal Protective Equipment

Eye and face protection:
Wear safety glasses or goggles to protect against exposure.

Skin protection:
Appropriate chemical resistant gloves should be worn. To prevent skin contact wear protective clothing covering all exposed areas.

Respiratory protection:
In case of insufficient ventilation wear suitable respiratory equipment.

Ventilation
Ensure adequate ventilation, especially in confined areas.

Hygiene Measures:
Wash thoroughly after handling.

Exposure Guidelines

OSHA Permissible Exposure Limits (PEL's)

Ingredient Name CAS-No.	Approx. Weight %	TWA (final)	Ceilings limits (final)	Skin designations
STODDARD SOLVENT 8052-41-3	65 - 70	2900 mg/m^3 TWA 500 ppm TWA		
XYLENE 1330-20-7	10 - 15	100 ppm TWA 435 mg/m^3 TWA		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA 435 mg/m^3 TWA		

ACGIH Threshold Limit Value (TLV's)

Ingredient Name CAS-No.	Approx. Weight %	TWA	STEL	Ceiling limits	Skin designations
STODDARD SOLVENT 8052-41-3	65 - 70	100 ppm TWA			
XYLENE 1330-20-7	10 - 15	100 ppm TWA	150 ppm STEL		
ETHYLBENZENE 100-41-4	1 - 5	100 ppm TWA	125 ppm STEL		

9. PHYSICAL PROPERTIES

Odor:	Normal for this product type.
Physical State:	liquid
pH:	not determined
Vapor pressure:	not determined
Boiling point:	not determined
Solubility in water:	not determined
Coefficient of water/oil distribution:	not determined
Density (lbs per US gallon):	6.55
Specific Gravity:	.79
Evaporation rate (butyl acetate = 1.0):	not determined
Flash point (Fahrenheit):	58
Flash point (Celsius):	14
Lower explosive limit (%):	1
Upper explosive limit (%):	7
Autoignition temperature:	not determined

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat, sunlight, flames and sparks.
Incompatibility:	Strong oxidizing agents.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: None anticipated.

Hazardous Decomposition Products: When exposed to heat or fire, produces the following products of combustion: carbon oxides, silicon dioxide, trace levels of formaldehyde.

Sensitivity to static discharge: Subject to static discharge hazards.

11. TOXICOLOGICAL INFORMATION

Ingredient Name **CAS-No.**	**Approx. Weight %**	**NIOSH - Selected LD50s and LC50s**
NAPHTHA 64742-89-8	10 - 15	= 3000 mg/kg Dermal LD50 Rabbit = 5000 mg/kg Oral LD50 Mouse
XYLENE 1330-20-7	10 - 15	= 4300 mg/kg Oral LD50 Rat = 47635 mg/L Inhalation LC50 Rat 4 h = 5000 ppm Inhalation LC50 Rat 4 h > 1700 mg/kg Dermal LD50 Rabbit
PROPRIETARY ADDITIVE	1-5	= 1540 mg/kg Oral LD50 Rat = 794 µL/kg Dermal LD50 Rabbit > 12.7 mg/kg Inhalation LC50 Rat 4 h > 17.6 mg/L Inhalation LC50 Rat 1 h > 2400 mg/kg Dermal LD50 Rat > 4640 mg/kg Dermal LD50 Rabbit
ETHYLBENZENE 100-41-4	1 - 5	= 15354 mg/kg Dermal LD50 Rabbit = 17.2 mg/L Inhalation LC50 Rat 4 h = 3500 mg/kg Oral LD50 Rat

11. TOXICOLOGICAL INFORMATION

Mutagens/Teratogens/Carcinogens:

Contains material that may cause adverse reproductive effects.

Contains ethylbenzene, which has been determined by NTP to be an animal carcinogen with no known relevance to humans. IARC has classified ethylbenzene as possibly carcinogenic to humans (2b) on the basis of sufficient evidence of carcinogenicity in laboratory animals but inadequate evidence of cancer in humans.

Ingredient Name CAS-No.	Approx. Weight %	California Prop 65 - Reproductive (Female)	California Prop 65 - Carcinogen
ETHYLBENZENE 100-41-4	1 - 5		Listed. initial date 6/11/04 - carcinogen

Ingredient Name CAS-No.	Approx. Weight %	IARC Group 1 - Human Evidence	IARC Group 2A - Limited Human Data	IARC Group 2B - Sufficient Animal Data
ETHYLBENZENE 100-41-4	1 - 5			Monograph 77 [2000]

Ingredient Name CAS-No.	Approx. Weight %	NTP Known Carcinogens	NTP Suspect Carcinogens	NTP Evidence of Carcinogenicity
XYLENE 1330-20-7	10 - 15			male rat-no evidence; female rat-no evidence; male mice-no evidence; female mice-no evidence
ETHYLBENZENE 100-41-4	1 - 5			male rat-clear evidence; female rat-some evidence; male mice-some evidence; female mice-some evidence

Ingredient Name CAS-No.	Approx. Weight %	OSHA - Hazard Communication Carcinogens	OSHA - Specifically Regulated Carcinogens	ACGIH Carcinogens
ETHYLBENZENE 100-41-4	1 - 5	Present		A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans

12. ECOLOGICAL DATA

No information on ecology is available.

13. DISPOSAL CONSIDERATIONS

Disposal should be made in accordance with federal, state and local regulations. Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation

UN ID Number (msds):	UN1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.
Hazard Class:	3
Packing Group:	II

U.S Hazmat and/or International DG shipment exceptions

The supplier may apply one of the following exceptions: Combustible Liquid, Consumer Commodity, Limited Quantity, Viscous Liquid, Does Not Sustain Combustion, or others, as allowed under 49CFR Hazmat Regulations. Please consult 49CFR Subchapter C to ensure that subsequent shipments comply with these exceptions.

Reportable Quantity Description:

International Air Transport Association (IATA):

UN ID Number (msds):	UN1993
Proper Shipping Name:	Flammable liquid, n.o.s.
Hazard Class:	3
Packing Group:	II

International Maritime Organization (IMO):

IMO UN/ID Number (msds):	UN1993
Proper Shipping Name:	FLAMMABLE LIQUID, N.O.S.
Hazard Class:	3
Packing Group:	II
Marine Pollutant	YES
Marine Pollutant Ingredient 1	STODDARD SOLVENT

15. REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

Ingredient Name CAS-No.	Approx. Weight %	SARA 302	SARA 313	CERCLA RQ in lbs.
XYLENE 1330-20-7	10 - 15		form R reporting required for 1.0% de minimis concentration	100
ETHYLBENZENE 100-41-4	1 - 5		form R reporting required for 1.0% de minimis concentration	1000

SARA 311/312 Hazard Class:

Acute:	yes
Chronic:	yes
Flammability:	yes
Reactivity:	no
Sudden Pressure:	no

U.S. STATE REGULATIONS:

INTERNATIONAL REGULATIONS - Chemical Inventories

US TSCA Inventory:

All components of this product are in compliance with U.S. TSCA Chemical Substance Inventory Requirements.

Canada Domestic Substances List:
All components of this product are listed on the Domestic Substances List.

16. OTHER INFORMATION

HMIS Codes

Health:	2*
Flammability:	3
Reactivity:	0
PPE:	X - See Section 8 for Personal Protective Equipment (PPE).

Abbreviations:
OSHA - Occupational Safety and Health Administration, IARC - International Agency for Research on Cancer, NIOSH - National Institute of Occupational Safety and Health, NTP - National Toxicology Program, ACGIH - American Conference of Governmental Industrial Hygienists, SCAQMD - South Coast Air Quality Management District, TSCA - Toxic Substances Control Act, IATA - International Air Transport Association, IMO - International Maritime Organization, DOT - Department of Transportation, NA - Not applicable, NOT ESTAB - Not established, N.A.V. - Not available, RQ - Reportable quantity, WT - Weight, MG/CU M - Milligrams per cubic meter, G/L - Grams per liter, MM - Millimeters, MPPCF - Millions of particles per cubic foot, PPM - parts per million, PPT - parts per thousand, TCC/PM - Tag closed cup / Pensky-Martens, PB - Lead, PEL - Permissible exposure level, TWA - Time Weighted Average, STEL - Short term exposure limit, C - Celsius, F - Fahrenheit.

Disclaimer:
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