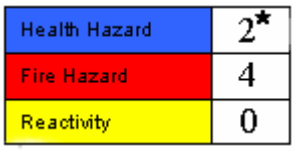
Material Safety Data Sheet

NFPA	HMIS	PPE	Transport Symbol
			

**Indicates a chronic health hazard.*

Issuing Date 30-Jan-2008 **Revision Date** 30-Jan-2008 **Revision Number** 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name **Great Value disinfectant spray**

Recommended Use Disinfectants and general biocidal products.

Supplier Address
The Sherwin Williams Co.
101 Prospect Ave. NW, Cleveland, OH, 44115
US
Phone:216-566-2000
Emergency Phone: 216-566-2917

Distributor
Wal-Mart Stores Incorporated
Bentonville, AR USA 72716

Company Emergency Phone Number 216-566-2917

2. HAZARDS IDENTIFICATION

CAUTION!

Emergency Overview

Contents under pressure
May be harmful if inhaled
May cause skin, eye, and respiratory tract irritation
May cause central nervous system depression
May cause adverse liver effects
Contains a known or suspected reproductive toxin
Contains known or suspected carcinogens

Appearance Clear **Physical State** Aerosol, Liquid, Compressed liquefied gas **Odor** Alcohol

Potential Health Effects

Principle Routes of Exposure Inhalation, Skin contact, Eye contact.

Acute Toxicity

Eyes May cause irritation.

Skin	May cause irritation.
Inhalation	May be harmful if inhaled. May cause irritation of respiratory tract.
Ingestion	May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects

Aggravated Medical Conditions Central nervous system. Preexisting eye disorders. Liver disorders. Skin disorders. Blood disorders. Respiratory disorders.

Interactions with Other Chemicals

Environmental Hazard See Section 12 for additional Ecological Information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Ethyl alcohol	64-17-5	30 - 60
Water	7732-18-5	30 - 60
Butane	106-97-8	10 - 30
Propane	74-98-6	10 - 30

4. FIRST AID MEASURES

Eye Contact Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.

Skin Contact In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

Inhalation Move victim to fresh air. Administer oxygen if breathing is difficult. Apply artificial respiration if victim is not breathing. If symptoms persist, call a physician.

Ingestion Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

Notes to Physician Keep victim warm and quiet. Treat symptomatically.

Protection of First-aiders Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. FIRE-FIGHTING MEASURES

Flammable Properties Containers may explode when heated due to build up ofo pressure.

Flash Point of liquid without propellant 35.2°C / 95.4°F

Suitable Extinguishing Media Use extinguishing agent suitable for type of surrounding fire. Carbon Dioxide, Dry Chemical, Alcohol Foam .

Uniform Fire Code
Aerosols: Level II
- Irritant: Liquid
- Other Health Hazard: Target Organ Toxin--Liquid

Unsuitable Extinguishing Media
Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat **.**

Hazardous Combustion Products
Carbon oxides
During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention

Explosion Data
Sensitivity to mechanical impact Not sensitive
Sensitivity to static discharge No.

Specific Hazards Arising from the Chemical
Some may burn but none ignite readily.

Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

NFPA **Health Hazard** 2 **Flammability** 4 **Stability** 0 **Physical and Chemical Hazards** -

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions Do not touch or walk through spilled material.

Methods for Containment Do not touch leaking aerosols.

Methods for Cleaning Up Do not direct water at spill or source of leak. Remove with an inert absorbant.

Other Information Ventilate the area. Remove all sources of ingnition.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Avoid breathing vapors or mists. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture, incinerate or expose to temperature above 120oF. Do not stick pin or any other sharp object into opening on top of can.

Storage Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep out of the reach of children. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl alcohol	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m^3	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m^3
Butane	TWA: 1000 ppm	(vacated) TWA: 1900 mg/m^3 (vacated) TWA: 800 ppm	TWA: 1900 mg/m^3 TWA: 800 ppm
Propane	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m^3 (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m^3	IDLH: 2100 ppm 10% LEL TWA: 1000 ppm TWA: 1800 mg/m^3

NIOSH IDLH: Immediately Dangerous to Life or Health

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection Safety glasses with side-shields. None required for normal application of aerosol products where minimal skin contact is expected.

Skin and Body Protection Protective gloves.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear	**Odor**	Alcohol
Odor Threshold	No information available	**Physical State**	Aerosol, Liquid under pressure,
pH	11		
Flash Point	35.2°C / 95.4°F	**Autoignition Temperature**	No information available
Decomposition Temperature	No information available	**Boiling Point/Range**	<0-213°F
Melting Point/Range	No information available		
Flammability Limits in Air	No information available	**Explosion Limits**	No information available
Water Solubility	Soluble in water	**Solubility**	No information available
Evaporation Rate	Faster than ether	**Vapor Pressure**	No data available
Vapor Density	Heavier than air	**VOC Content**	67
Partition Coefficient (n-octanol/water)			

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Strong oxidizing agents.

Conditions to Avoid Heat, flames and sparks.

Hazardous Decomposition Products By fire: Carbon monoxide (CO). Carbon dioxide (CO_2).

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information May be harmful by inhalation

Irritation May cause skin and eye irritation. May cause irritation of respiratory tract.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethyl alcohol	7060 mg/kg (Rat)		
Water	90 mL/kg (Rat)		
Butane			658 mg/L (Rat) 4 h
Propane			658 mg/L (Rat) 4 h
Ammonium hydroxide	350 mg/kg (Rat)		
Sodium nitrite	88 mg/kg (Rat)		5500 Âµg/m^3 (Rat) 4 h

Chronic Toxicity

Chronic Toxicity Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethyl alcohol		Group 1	Known	X

IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
NTP: (National Toxicity Program)
Known - Known Carcinogen
OSHA: (Occupational Safety & Health Administration)
X - Present

Target Organ Effects Blood, Central nervous system (CNS), Eyes, Liver, Reproductive System, Respiratory system, Skin.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Ecotoxicity effects of component substances.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Ethyl alcohol		LC50= 12900 mg/L Oncorhynchus mykiss 96 h LC50= 14.2 mg/L Pimephales promelas 96 h	EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min	EC50 = 10800 mg/L 24 h EC50 = 9268 mg/L 48 h
Ammonium hydroxide		LC50= 8.2 mg/L Pimephales promelas 96 h		EC50 = 0.66 mg/L 48 h
Sodium nitrite		LC50= 0.19 mg/L Oncorhynchus mykiss 96 h		

Chemical Name	Log Pow
Ethyl alcohol	= -0.32
Butane	= 2.89
Propane	= 2.3
Sodium nitrite	= -3.7 25 Â°C

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Contaminated Packaging Dispose of in accordance with local regulations.

US EPA Waste Number D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Ethyl alcohol	Toxic; Ignitable
Ammonium hydroxide	Toxic; Corrosive
Sodium nitrite	Toxic; Ignitable; Reactive

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name Consumer commodity
Hazard Class ORM-D
Reportable Quantity (RQ) Sodium nitrite, RQ kg = 22700
Description Consumer commodity,ORM-D,,RQ

TDG

Proper Shipping Name Aerosols
Hazard Class 2.1
UN-No UN1950
Description AEROSOLS,2.1,UN1950

MEX

Proper Shipping Name Aerosols
Hazard Class 2
UN-No UN1950
Description UN1950 Aerosols,2,

ICAO

UN-No UN1950
Proper Shipping Name Aerosols
Hazard Class 2.1
Description Aerosols,UN1950

14. TRANSPORT INFORMATION

IATA

UN-No	UN1950
Proper Shipping Name	Aerosols, flammable
Hazard Class	2.1
ERG Code	10L
Description	UN1950,Aerosols, flammable,2.1

IMDG/IMO

Proper Shipping Name	Aerosols
Hazard Class	2
Subsidiary Class	+
UN-No	UN1950
EmS No.	F-D, S-U
Description	UN1950, Aerosols,2(+)

RID

Proper Shipping Name	Aerosols
Hazard Class	2
UN-No	UN1950
Classification Code	5A
Description	UN1950 Aerosols,2,RID
ADR/RID-Labels	2

ADR

Proper Shipping Name	Aerosols
Hazard Class	2
UN-No	UN1950
Classification Code	5A
Description	UN1950 Aerosols,2,

ADN

Proper Shipping Name	Aerosols
Hazard Class	2
Classification Code	5F
Special Provisions	190, 327, 625
Description	UN1950 Aerosols,2,
Hazard Labels	2.1
Limited Quantity	LQ2
Ventilation	VE01, VE04

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Does not Comply
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Does not Comply
KECL	Does not Comply
PICCS	Does not Comply
AICS	Does not Comply

U.S. Federal Regulations

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Ammonium hydroxide	1336-21-6	0.1 - 1	1.0
Sodium nitrite	7632-00-0	0.1 - 1	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden Release of Pressure Hazard	Yes
Reactive Hazard	No

Clean Water Act
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Ammonium hydroxide	1000 lb			X
Sodium nitrite	100 lb			X

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)
This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990.

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302).

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Ammonium hydroxide	1000 lb	
Sodium nitrite	100 lb	

U.S. State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals: Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage.

Chemical Name	CAS-No	California Prop. 65
Ethyl alcohol	64-17-5	Developmental

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	X	X	X		X
Butane	X	X	X		X
Propane	X	X	X		X
Ammonium hydroxide	X	X	X		
Sodium nitrite	X	X	X		

International Regulations

Mexico - Grade Serious risk, Grade 3

Chemical Name	Carcinogen Status	Exposure Limits
Ethyl alcohol		Mexico: TWA= 1900 mg/m^3 Mexico: TWA= 1000 ppm
Butane		Mexico: TWA= 1900 mg/m^3 Mexico: TWA= 800 ppm

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class
B5 Flammable aerosol
D2A Very toxic materials

Chemical Name	NPRI
Sodium nitrite	X

Legend
NPRI - National Pollutant Release Inventory

16. OTHER INFORMATION

Issuing Date 30-Jan-2008

Revision Date 30-Jan-2008

Revision Note No information available

Disclaimer
The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

End of MSDS