



SAFETY DATA SHEET

Revision Date 22-Apr-2015

Sid Harvey item # 26801

SDS # Z0034

Version 1

1. IDENTIFICATION

Product identifier

Product Name Spray Nine® 1 gal

Other means of identification

Product Code 26801

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Disinfectant Cleaning

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

ITW Permatex
10 Columbus Blvd.
Hartford, CT 06106 USA

Distributor

ITW Permatex Canada
35 Brownridge Road, Unit 1
Halton Hills, ON Canada L7G 0C6
Telephone: (800) 924-6994

Company Phone Number 1-87-Permatex
(877) 376-2839

24 Hour Emergency Phone Number Chem-Tel: 800-255-3924
International Emergency:
00+1+ 813-248-0585
Contract Number: MIS0003453

E-mail address mail@permatex.com

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Clear

Physical state Liquid

Odor Citrus

Hazards not otherwise classified (HNOC)

Not applicable

Other Information

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

substance(s)

Chemical Name	CAS No	Weight-%	Trade Secret
WATER	7732-18-5	60 - 100	*
ETHOXYLATED C9-C11 ALCOHOLS	68439-46-3	1 - 5	*
DIPROPYLENE GLYCOL MONOBUTYL ETHER	29911-28-2	1 - 5	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Description of first aid measures

General advice	Get medical advice/attention if you feel unwell.
Eye contact	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 advice/attention.
Skin contact	IF ON SKIN: Wash skin with soap and water. If skin irritation persists, call a physician. Wash contaminated clothing before reuse.
Inhalation	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist, call a physician.
Ingestion	IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician.
Self-protection of the first aider	Use personal protective equipment as required. Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms See section 2 for more information.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂), Dry chemical, Foam

Unsuitable extinguishing media

None.

Specific hazards arising from the chemical

None in particular.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes and skin. Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid breathing vapors or mists. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Use personal protective equipment as required.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

NIOSH IDLH Immediately Dangerous to Life or Health

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection Wear safety glasses with side shields (or goggles).

Skin and body protection Wear protective gloves and protective clothing.

Respiratory protection Use NIOSH-approved air-purifying respirator with organic vapor cartridge or canister, as appropriate.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Regular cleaning of equipment, work area and clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear
Odor	Citrus
Odor threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No information available	
Melting point / freezing point	No information available	
Boiling point / boiling range	100 °C / 212 °F	
Flash point	> 93 °C / > 200 °F	Tag Closed Cup
Evaporation rate	< 1	Butyl acetate = 1
Flammability (solid, gas)	No information available	
Flammability Limit in Air		
Upper flammability limit:	No information available	
Lower flammability limit:	No information available	
Vapor pressure	18 mm Hg	
Vapor density	>1	Air = 1
Relative density	1.02 g/ml	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Kinematic viscosity	No information available	
Dynamic viscosity	No information available	
Explosive properties	No information available	
Oxidizing properties	No information available	

Other Information

Softening point	No information available
Molecular weight	No information available
VOC Content (%)	<0.5%
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Excessive heat.

Incompatible materials

Strong oxidizing agents

Hazardous Decomposition Products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation	May cause irritation of respiratory tract.
Eye contact	Contact with eyes may cause irritation. May cause redness and tearing of the eyes.
Skin contact	May cause skin irritation and/or dermatitis.
Ingestion	Ingestion may cause irritation to mucous membranes.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
WATER 7732-18-5	> 90 mL/kg (Rat)	-	-
ETHOXYLATED C9-C11 ALCOHOLS 68439-46-3	= 1378 mg/kg (Rat) = 1400 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
DIPROPYLENE GLYCOL MONONBUTYL ETHER 29911-28-2	= 1620 µL/kg (Rat)	= 5860 µL/kg (Rabbit)	= 42.1 ppm (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 39421 mg/kg
ATEmix (dermal) 76980 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

3.17% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
DIPROPYLENE GLYCOL MONONBUTYL ETHER 29911-28-2	-	841: 96 h Poecilia reticulata mg/L LC50 static	-

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated packaging	Do not reuse container.
US EPA Waste Number	Not applicable

14. TRANSPORT INFORMATION

DOT

Proper shipping name: Not regulated

IATA

Proper shipping name: Not regulated

IMDG

Proper shipping name: Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Not determined
ENCS	Not Listed.
IECSC	Complies
KECL	Not determined
PICCS	Not determined
AICS	Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (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)

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)

US State Regulations**California Proposition 65**

This product contains the following Proposition 65 chemicals

Chemical Name	California Proposition 65
ETHANOL - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
SODIUM HYDROXIDE 1310-73-2	X	X	X
ETHANOL 64-17-5	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number 6659-3

EPA Statement

This chemical is a pesticide product registered by the 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, and for workplace labels of non-pesticide chemicals.

<u>NFPA</u>	Health hazards 1	Flammability 1	Instability 0	-
<u>HMIS</u>	Health hazards 1	Flammability 1	Physical hazards 0	Personal protection B

NFPA (National Fire Protection Association)

HMIS (Hazardous Material Information System)

Revision Date 22-Apr-2015

Disclaimer

The information provided in this Material 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.

End of Safety Data Sheet

MSDS Number – Z0034

Sid Harvey Item number – 26801, 26832

MATERIAL SAFETY DATA SHEET

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Spray Nine®	Product Use: Multi-purpose germicidal cleaner	Formula Index: 03
Manufacturer and US Supplier's Name Spray Nine Corporation	Canadian Supplier's Name Spray Nine Canada Ltd.	
Address (Number, Street, City, State, and ZIP Code) 251 N. Comrie Avenue	Address (Number, Street, City, State, and ZIP Code) PO Box 35001	
Johnstown, NY 12095	London, Ontario N5W 5M0	
Emergency Telephone Number 1-800-477-7299 Chemtrec# 1-800-424-9300 Telephone Number for Information 518-762-4591 or Fax 518-762-2566	Emergency Telephone Number Canutec# 1-613-996-6666	
Signature of Preparer (optional) Michael L. Pozefsky	Date Prepared September 12, 2006	

HMIS Rating: HEALTH- 1 FLAMMABILITY- 0 REACTIVITY- 0 PERSONAL PROTECTION- B
NFPA Rating: HEALTH - 1 FLAMMABILITY – 0 REACTIVITY - 0

WHMIS Rating: EXEMPT

SECTION II. HAZARDOUS INGREDIENT INFORMATION (Per 29 CFR 1910.1200)

Component	CAS Registry #	wt. %	Exposure Limits	
			ACGIH TLV	OSHA PEL
Ethoxylated C9-C11 alcohols	68439-46-3	1-3	Not Est.	Not Est.
2-Butoxyethanol	111-76-2	1-4	25ppm	50ppm

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Transparent liquid. Mild fragrance. Causes reversible eye and skin irritation. Essentially non-toxic by inhalation. Breathing mist may cause irritation. Essentially non-toxic if swallowed, but may upset the digestive tract.

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: Will sting and cause reversible irritation.

SKIN CONTACT: May cause moderate reversible irritation.

INHALATION: Breathing mist may cause irritation.

INGESTION: Essentially non-toxic, but may upset the digestive tract.

MEDICAL CONDITION AGGRAVATED BY EXPOSURE: None known. Persons with pre-existing medical conditions or sensitivity may be more susceptible to the effects of exposure.

CHRONIC EFFECTS: None known based on ingredient safety data, supportive technical information and extensive product history.

SECTION IV. FIRST AID MEASURES

EYE CONTACT: Flush immediately with water for 15 minutes. If contact lenses are worn, remove immediately as they may contribute to the severity of the irritation. Contact physician.

SKIN CONTACT: Flush with water for 15 minutes. Contact physician if irritation persists.

INHALATION: Remove to fresh air. If symptoms persist, contact physician immediately.

INGESTION: Do not induce vomiting. Drink plenty of water. Contact physician immediately.

NOTE TO PHYSICIAN: Treat patient symptomatically.

SECTION V. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASH POINT: 182°F/83°C

METHOD USED: TCC

FLAMMABLE LIMITS

LFL: Not Est.

UFL: Not Est.

EXTINGUISHING MEDIA: Alcohol-type or all-purpose-type foam for large fires. Use carbon dioxide or dry chemical media for small fires.

FIRE & EXPLOSION HAZARDS: None known. Product was tested according to ASTM D 4206 and did not sustain combustion.

FIRE FIGHTING INSTRUCTIONS: Wear protective clothing and respiratory protection. Water may be used to cool fire exposed containers.

FIRE FIGHTING EQUIPMENT: None known.

SENSITIVITY TO MECHANICAL IMPACT: No sensitivity known.

SENSITIVITY TO STATIC DISCHARGE: No sensitivity known.

SECTION VI. ACCIDENTAL RELEASE MEASURES

Wear suitable protective clothing. Where possible, salvage for use or absorb on suitable material and collect for disposal. Thoroughly rinse area with water.

CAUTION: Spill area may be slippery. For large spills, dike area to prevent spreading and contact appropriate environmental agency.

SECTION VII. HANDLING AND STORAGE

Store in a cool, dry, well ventilated area. Keep out of reach of children.

SECTION VIII. PERSONAL PROTECTION / EXPOSURE CONTROLS

EYE PROTECTION: The use of safety glasses is recommended.

SKIN PROTECTION: The use of chemical resistant gloves is recommended for prolonged use.

RESPIRATORY PROTECTION: Not required under normal conditions of use.

ENGINEERING CONTROLS: None known.

EXPOSURE GUIDELINE (S): Use only in a well ventilated area.

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Transparent	PHYSICAL STATE:	Liquid
BOILING POINT:	~212°F/~100°C	SOLUBILITY IN WATER:	Complete
EVAPORATION RATE:	<1	SPECIFIC GRAVITY:	~1.022 g/ml
FREEZING POINT:	~32°F/~0°C	VAPOR DENSITY:	>1
MELTING POINT:	Not applicable	VAPOR PRESSURE:	Not Applicable
MOLECULAR WEIGHT:	Not applicable	VISCOSITY:	Not applicable
ODOR:	Mild	% VOLATILE:	~95
pH:	~12.7		

SECTION X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide and nitrogen oxides

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI. TOXICOLOGICAL INFORMATION

EYE: Draize irritation score of 27.3 out of a possible 110 and was reversible within a 10 day observation period.

SKIN: Draize irritation score of 2.5 out of a possible 10 and was reversible within a 14 day observation period. Product is essentially non-toxic by skin absorption, with dermal LD50>5,000 mg/kg body weight in male and female rats.

INHALATION: Essentially non-toxic with estimated LD50>200 g/L in rats, based on testing of a similar product.

INGESTION: Essentially non-toxic with LD50>5,000 mg/kg of body weight in female rats.

SUBCHRONIC: Not Available

CHRONIC / CARCINOGENICITY: Not available. Contains no known carcinogens.

TERATOLOGY: Not Available

REPRODUCTION: Not Available

MUTAGENICITY: Not Available

SENSITIZATION: Not Available

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: Not Available

DISTRIBUTION: Not Available

CHEMICAL FATE INFORMATION: Not Available

SECTION XIII. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, state and local regulations.

SECTION XIV. TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. SHIPPING NAME: Not Regulated (Product does not sustain combustion).
CANADIAN TDG SHIPPING NAME: Not Regulated
TECHNICAL SHIPPING NAME: Not Applicable
D.O.T. HAZARD CLASS: Not Applicable
U.N. / N.A. NUMBER: Not Applicable
PRODUCT RQ (LBS): Not Applicable
D.O.T. LABEL: Not Applicable
D.O.T. PLACARD: Not Applicable
FREIGHT CLASS BULK: Not Applicable
FREIGHT CLASS PACKAGE: Not Applicable
PRODUCT LABEL: Not Applicable

SECTION XV. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulation represented)

TSCA STATUS: All ingredients in this product are either on the inventory or are exempt from being listed.

CERCLA REPORTABLE QUANTITY: This product contains 2-Butoxyethanol which, despite being part of a broad chemical category (Glycol Ethers) on the CERCLA hazardous substance list, does not itself have a reportable quantity.

SARA TITLE III:

SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES : None

SECTION 311/312 HAZARDOUS CATEGORIES : Acute Hazard

SECTION 313 TOXIC CHEMICALS : This product contains 1-4% of 2-Butoxyethanol (111-76-2), which is part of a chemical category (Glycol Ethers); therefore, reporting may be required under Section 313.

RCRA STATUS: Not Applicable

CALIFORNIA PROPOSITION 65: This product is not subject to the reporting requirements under California Proposition 65.

SECTION XVI. OTHER INFORMATION**MSDS STATUS:**

Disclaimer: The information contained herein is based on data we believe to be reliable as of the date of preparation of this Material Safety Data Sheet. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products may be used. We assume no liability or responsibility for loss or damage resulting from the improper or abnormal use or handling of our products, from incompatible product combinations, from the failure to follow instructions and warnings in the product's label and Material Safety Data Sheet, or from any failure to adhere to recommended practices.