

## 1. Product and Company Identification

www.rxmarine.com

Product Name Stain Devils Pen and Ink A  
Part Number RXSOL-15-2714-005

Company Details:....

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
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## 2. Composition / Information on ingredients

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Chemical Name	CAS No	Weight-%	Trade Secret
Propane-1,2-diol	57-55-6	1 - 5	-
Polyoxyethylene trimethyldecyl alcohol	69011-36-5	1 - 5	-
2-Propanol, 1,1',1'',1'''-(1,2-ethanediyldinitrilo)tetrakis-	102-60-3	1 - 5	-
Mipa-dodecylbenzenesulfonate	42504-46-1	1 - 5	-
Alcohols, C12-14, ethoxylated	68439-50-9	0.1 - 1	-

## 3. Hazards Identification

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Classification	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).
Appearance	Colorless
Physical state	Liquid
Odor	Odorless
Precautionary Statements - Prevention	Obtain special instructions before use
Precautionary Statements - Response	None
Precautionary Statements - Storage	None
Precautionary Statements - Disposal	None
Hazards not otherwise classified (HNOC)	Not applicable
Unknown Toxicity	1 % of the mixture consists of ingredient(s) of unknown toxicity
Other information	Causes mild skin irritation  Harmful to aquatic life  May cause slight eye irritation
Interactions with Other Chemicals	No information available

## 4. First Aid Measures

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Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
Skin contact	Wash with soap and water.
Ingestion	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air
Most Important Symptoms and Effects	No information available.
Notes to Physician	Treat symptomatically.

## 5. Fire-fighting Measures

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Suitable Extinguishing Media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	CAUTION: Use of water spray when fighting fire may be inefficient.
Specific hazards arising from the chemical	<b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b>  <b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b>  <b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b>  <b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b>  <b>distance to a source of ignition and flash back.</b>  <b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b>  <b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b>  <b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b>  <b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b>  <b>distance to a source of ignition and flash back.</b>  <b>Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard.</b>  <b>In a fire or if heated, a pressure increase will occur and the container may burst, with the</b>  <b>risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along</b>  <b>the ground. Vapors may accumulate in low or confined areas or travel a considerable</b>  <b>distance to a source of ignition and flash back.</b>  <b>No information available.</b>

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

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Personal precautions	Avoid contact with eyes.
Environmental precautions	Prevent further leakage or spillage if safe to do so
Methods for containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. Handling and Storage

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Precautions for safe handling	<b>Handling :</b> Handle in accordance with good industrial hygiene and safety practice.
Storage	Keep containers tightly closed in a dry, cool and well-ventilated place.
Incompatible Products	Strong oxidizing agents. Strong acids. Strong bases. Acid chlorides. Acid anhydrides. Chloroformates. Strong reducing agents.

## 8. Exposure controls and personal protection

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Exposure Guidelines	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
Engineering Measures	Showers  Eyewash stations  Ventilation systems
Eye/face protection	No special protective equipment required.
Skin and body protection	No special protective equipment required.
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	Handle in accordance with good industrial hygiene and safety practice

## 9. Physical and chemical properties

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Physical state	Liquid
Appearance	Colorless
Color	No information available
Odor	Odorless
Odor Threshold	Not available
pH	9.8
Melting / freezing point	No data available
Boiling point / boiling range	No data available
Flash Point	No data available

Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Flammability Limit in Air Upper flammability limit Lower flammability limit	No data available
Vapor pressure	No data available
Vapor density	No data available
Specific Gravity	1.04
Water Solubility	Completely soluble
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Softening Point	No data available
VOC Content (%)	No data available
Particle Size	No data available
Particle Size Distribution	No data available

## 10. Stability and reactivity

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Reactivity	No data available.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	Strong oxidizing agents. Strong acids. Strong bases. Acid chlorides. Acid anhydrides. Chloroformates. Strong reducing agents.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).

## 11. Toxicological information

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Inhalation	Specific test data for the substance or mixture is not available.
Eye Contact	Specific test data for the substance or mixture is not available.
Skin Contact	Specific test data for the substance or mixture is not available.
Ingestion	Specific test data for the substance or mixture is not available.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Propane-1,2-diol 57-55-6	= 20 g/kg ( Rat )	= 20800 mg/kg ( Rabbit )	-
Polyoxyethylene trimethyldecyl alcohol 69011-36-5	> 2000 mg/kg ( Rat )	-	-

### Information on toxicological effects

Symptoms	No information available
Sensitization	No information available.
Mutagenic Effects	No information available.

Carcinogenicity	Contains no ingredient listed as a carcinogen.
Reproductive toxicity	No information available.
STOT - single exposure	No information available
STOT - repeated exposure	No information available..
Target Organ Effects	None known.
Aspiration Hazard	No information available.

### Numerical measures of toxicity Product Information

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

#### ATEmix (oral)

8,032.00 mg/kg

#### ATEmix (dermal)

23,371.00 mg/kg (ATE)

## 12. Ecological information

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Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (WaterFlea)
Propane-1,2-diol	96h EC50: = 19000	96h LC50: = 51600	EC50 = 710 mg/L 30 min	24h EC50: > 10000
57-55-6	mg/L(Pseudokirchneriellasu bcapitata)	mg/L(Oncorhynchus mykiss)  96hLC50: 41 - 47  mL/L(Oncorhynchus mykiss)  96hLC50: = 51400  mg/L(Pimephales promelas)  96hLC50: = 710  mg/L(Pimephales promelas)		mg/L48hEC50: > 1000 mg/L

Ecotoxicity	Harmful to aquatic life.
Persistence and Degradability	No information available.
Bioaccumulation	No information available
Other adverse effects	No information available.

## 13. Disposal considerations

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Disposal methods	This material, as supplied, is not a hazardous waste according to Federal regulations(40CFR 261). This material could become a hazardous waste if it is mixed with or otherwisecomes in contact with a hazardous waste, if
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chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Dispose of contents/containers in accordance with local regulations.

Contaminated Packaging

## 14. Transport information

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D.O.T. Proper Shipping Name	Not regulated
D.O.T. Hazard Class	N/A
TDG	Not regulated
MEX	Not regulated
ICAO	Not regulated
IATA Proper Shipping Name	Not regulated
IMDG/IMO	Not regulated
RID	Not regulated
ADR	Not regulated
ADN	Not regulated

## 15. Regulatory information

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### International Inventories

TSCA	Complies
DSL	All components are listed either on the DSL or NDSL.
TSCA	United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL	Canadian Domestic Substances List/Non-Domestic Substances List

### 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	No
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)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Mipa-dodecylbenzenesulfon	1000 lb			x

ate

42504-46-1

### 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	RQ
Mipa-dodecylbenzenesulfonate 42504-46-1	1000 lb		RQ 1000 lb final RQRQ 454 kg final RQ

### US State Regulations

#### California Proposition 65

This product does not contain any Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

### International Regulations

#### Canada

#### WHMIS Hazard Class

Not determined

## 16. Other information

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#### Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.

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for this product. If the product is used as a component in another product, this MSDS information may not be applicable.