

## 1. Product and Company Identification

www.rxmarine.com

Product Name Stain Devils Felt-tip Ballpoint Ink A  
Part Number RXSOL-15-2706-005

Company Details:....

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

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### Mixtures

**Description:** Aqueous solution of special active agents

### Dangerous components:

CAS: 57-55-6	propane-1,2-diol	80-100%
EINECS: 200-338-0	substance with a Community workplace exposure limit	
CAS: 69011-36-5	Isotridecanol, ethoxylated (2-5 mol e.o.)	1 - 5%
NLP: 500-241-6	Xi R41	
CAS: 102-60-3	Eye Dam. 1, H318; Aquatic Chronic 3, H412	
EINECS: 203-041-4	1,1',1'',1'''-ethylenedinitrilotetrapropan-2-ol	< 2.5%
	Xi R36	
CAS: 42504-46-1	Eye Irrit. 2, H319	
EINECS: 255-854-9	dodecylbenzenesulphonic acid, compound with	< 1%
	1-aminopropan-2-ol (1:1)	
	Xi R38-41	
	Eye Dam. 1, H318; Skin Irrit. 2, H315	

### Regulation (EC) No 648/2004 on detergents / Labelling for contents:

non-ionic surfactants	5 - 15%
anionic surfactants	< 5%

## 3. Hazards Identification

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Classification according to Regulation (EC) No 1272/2008  
Classification according to Directive 67/548/EEC or Directive  
1999/45/EC

The product is not classified according to the CLP regulation.  
not applicable

Information concerning particular hazards for human and environment	No hazards to be particularly mentioned. Please note the information of this Material Safety Data Sheet.
Classification system	The classification is based on Regulation (EC) 1272/2008 including its amendments, and on company information.  The classification is based on own toxicological test results.
Labelling according to Regulation (EC) No 1272/2008	Void
Hazard pictograms	Void
Signal word	Void
Hazard statements	Void
Precautionary statements	P102 Keep out of reach of children.
Results of PBT and vPvB assessment	<b>PBT:</b> Not applicable  <b>vPvB:</b> Not applicable

## 4. First Aid Measures

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General information	Immediately remove any clothing soiled by the product.
After inhalation	If symptoms persist or in case of doubt, seek medical advice. Supply fresh air.
After skin contact	Seek medical treatment in case of complaints. Wash with plenty of water immediately after skin contact.
After eye contact	If skin irritation continues, consult a doctor. Rinse opened eye for several minutes under running water.
After swallowing	If symptoms persist, consult a doctor. Rinse mouth with water.  Drink plenty of water, but never give anything to an unconscious person.  Do not induce vomiting.
Most important symptoms and effects, both acute and delayed	Seek medical treatment
Indication of any immediate medical attention and special treatment needed	No further relevant information available Symptomatic treatment

## 5. Fire-fighting Measures

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Suitable Extinguishing Media	Water jet spray  Fire-extinguishing powder  Carbon dioxide (CO <sub>2</sub> )
For safety reasons unsuitable extinguishing media	Use fire fighting measures that suit the environment High volume water jet
Specific hazards arising from the substance or mixture	<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>

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the ground. Vapors may accumulate in low or confined areas or travel a considerable

distance to a source of ignition and flash back.

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**the ground. Vapors may accumulate in low or confined areas or travel a considerable**

**distance to a source of ignition and flash back.**

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO?)

In certain fire conditions, traces of other toxic gases cannot be excluded.

Protective equipment

Do not inhale explosion gases or combustion gases.

Wear self-contained respiratory protective device.

Wear a fully protective suit.

Additional information

Cool endangered receptacles with water spray.

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

## 6. Accidental Release Measures

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Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Particular danger of slipping on leaked/spilled product.

Environmental precautions	Do not allow product to reach sewage system or any water course.
Methods and material for containment and cleaning up	Do not allow to penetrate the ground/soil. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Make sure to recycle or dispose of in suitable receptacles.
Reference to other sections	See Section 8 for information on personal protection equipment. See Section 7 for information on safe handling See Section 13 for disposal information.

## 7. Handling and Storage

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Precautions for safe handling	No special precautions are necessary if used properly.
Information about protection against explosions and fires	No special measures required.
Requirements to be met by storerooms and receptacles	Provide alkali-resistant floor.
Information about storage in one common storage facility	Store only in the original receptacle Store away from foodstuffs. Store away from feed.
Storage class	Store away from oxidising agents
7.3 Specific end use(s)	10-13 other combustible and non-combustible substances Please pay attention to the information on the label.

## 8. Exposure controls and personal protection

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### Control parameters

#### Components with limit values that require monitoring at the workplace:

#### 57-55-6 propane-1,2-diol

WEL (Great Britain) Long-term value: 474 10 mg/m<sup>3</sup>, 150 ppm

total vapour and particulates particulates

OEL (Ireland) Long-term value: 470 10 mg/m<sup>3</sup>, 150 ppm

total vapour and particulates particulates

### Exposure Guidelines

#### General protective and hygienic measures:

The usual precautionary measures should be adhered to when handling chemicals.

Do not eat, drink, smoke or sniff while working.

Remove all soiled and contaminated clothing immediately.

Avoid contact with eyes and skin.

Do not inhale gases/fumes/aerosols.

Use skin protection cream for skin protection.

The following instructions regarding the protective equipment refer to the industrial use of larger quantities

Not necessary if you follow the instructions for use

Chemical resistant gloves (EN 374) The glove material has to be impermeable and resistant to the product/substance/preparation. Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation After use of gloves apply skin-cleaning agents and skin cosmetics.

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed

Safety glasses

Protective work clothing

Breathing equipment  
Protection of hands

Material of gloves

Penetration time of glove material

Eye protection

Body protection

## 9. Physical and chemical properties

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Physical state

Liquid

Appearance

Colorless

Colour

No information available

Odour

Odorless

Odor Threshold

Not available

pH-value at 20 °C

~ 9.8

Melting point /Melting range

10 % solution

Not determined

Boiling point / boiling range

Not determined

Flash Point

> 100 °C

Self ignition temperature

Product is not self-igniting.

Danger of explosion

Product does not present an explosion hazard.

Explosion limits Upper limit Lower limit

Not applicable

Density at 20 °C

1.04 g/cm<sup>3</sup>

Solubility in / Miscibility with Water

Miscible

Dynamic

Not determined

Other information

No further relevant information available

## 10. Stability and reactivity

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Reactivity

No further relevant information available

Chemical Stability

Thermal decomposition / conditions to be avoided: Heating may lead to bursting of receptacles.

Possibility of Hazardous Reactions

No dangerous reactions known

Conditions to avoid

No further relevant information available

Incompatible materials

No further relevant information available

Hazardous Decomposition Products

No dangerous decomposition products known

## 11. Toxicological information

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LD/LC50 values that are relevant for classification	No toxicity data are available for the product itself.
On the Eye	Specific test data for the substance or mixture is not available.
On the Skin	Slightly irritant
	Not to be classified
On respiratory tract	No data available
Sensitisation	No sensitising effects known
Carcinogenic, mutagenic effects and adverse effects on reproduction	Presently available data show no carcinogenic, mutagenic or teratogenic effects
STOT-single exposure	No classification
STOT-repeated exposure	No classification
Aspiration hazard	No classification
Additional toxicological information	The product had been tested and no eye irritating properties being relevant for classification could be determined.

## 12. Ecological information

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Aquatic toxicity	Presently there are no ecotoxicological values available
Persistence and Degradability	No further relevant information available
Other information	The product has not been tested.
Bioaccumulation potentia	The product has not been tested.
Mobility in soil	No further relevant information available
Ecotoxicological effects	<b>Remark:</b> The product has not been tested.
General notes	Water hazard class 2 (German Regulation) (Self-assessment): hazardous to water According to appendix 4 of VwVwS dated 27.7.2005 (German regulation) Do not allow product to reach ground water, water course or sewage system. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Results of PBT and vPvB assessment	<b>PBT:</b> Not applicable  <b>vPvB:</b> Not applicable
Other adverse effects	No further relevant information available

## 13. Disposal considerations

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Recommendation	Disposal according to instructions of local authorities
European waste catalogue	20 01 29 detergents containing dangerous substances
Recommendation	Packagings that cannot be cleaned are to be disposed of in the same manner as the product.
Recommended cleansing agent	Water

## 14. Transport information

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UN-Number	Void
ADR, ADN, IMDG, IATA	
UN proper shipping name	Void
ADR, ADN, IMDG, IATA	
Transport hazard class(es)	Void
ADR, ADN, IMDG, IATA	

Class	
Packing group	Void
ADR, IMDG, IATA	
Marine pollutant	No
Special precautions for user	Not applicable
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	
Transport/Additional information	Not dangerous according to the above regulations
UN "Model Regulation"	-

## 15. Regulatory information

[www.rxmarine.com](http://www.rxmarine.com)

Water hazard class	Water hazard class 2 (Self-assessment): hazardous for water
Further information	Version/s 1-4 is/are not available in this language.
Chemical safety assessment	A Chemical Safety Assessment has not been carried out

## 16. Other information

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Other Information	<p>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.</p> <p><b>DISCLAIMER OF LIABILITY :</b>The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.</p>
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