

## SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 453/2010)

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

Product name: RED DRAWING INK ROTRING  
Product code: SDH9806011.

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

ROTRING : Capillary cartridge for Rapidograph, Drawing ink bottle 23 ml for Isograph & Variant (II)

#### 1.3. Details of the supplier of the safety data sheet

Registered company name: Sanford Ecriture SAS.  
Address: 122 avenue du général Leclerc. Immeuble Le Cristallin.92100.Boulogne Billancourt.FRANCE.  
Telephone: +33 (0)1 46 84 42 70. Fax: +33 (0)1 46 84 42 71.  
Aftersales.SERVICE@newellco.com

#### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

##### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Possibility of skin sensitisation. The mixture may also irritate the skin and prolonged contact may aggravate this effect.

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

#### 2.2. Label elements

##### In compliance with directives 67/548/EEC, 1999/45/EC and their amendments.

Hazard symbols:



Irritant

Contains:

613-167-00-5

MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)

Risk phrase:

R 43

May cause sensitisation by skin contact.

Safety phrase:

S 2

Keep out of the reach of children.

S 24

Avoid contact with skin.

S 37

Wear suitable gloves.

S 46

If swallowed, seek medical advice immediately and show this container or label.

#### 2.3. Other hazards

No data available.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Substances

No substances fulfil the criteria set forth in annexe II section A of the REACH regulation (EC) n° 1907/2006.

### 3.2. Mixtures

#### Composition :

Identification	Name	Classification	%
CAS: N/A EC: N/A	AMMONIUM SALT OF MODIFIED STYRENE-ACRYLATE POLYMERS, IN WATER	GHS07, Wng Xi H:315-319-335 R: 36/37/38	10 <= x % < 25
CAS: MIXTURE EC: 452-570-9	TROYSOL LAC	GHS05, GHS09, GHS08, Dgr Xn,N H:315-318-373-411 R: 48/20-41-38-51/53	0 <= x % < 2.5
INDEX: 613-167-00-5 CAS: 55965-84-9	MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOL IN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1)	GHS06, GHS05, GHS09, Dgr T,N H:331-311-301-314.1B-317-410 R: 23/24/25-34-43-50/53	0 <= x % < 2.5

### SECTION 4: FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

#### 4.1. Description of first aid measures

##### In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.

##### In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

If the contaminated area is widespread and/or there is damage to the skin, a doctor must be consulted or the patient transferred to hospital

##### In the event of swallowing:

Do not give the patient anything orally.

Keep the person exposed at rest. Do not force vomiting.

Seek medical attention, showing the label.

#### 4.2. Most important symptoms and effects, both acute and delayed

No data available.

#### 4.3. Indication of any immediate medical attention and special treatment needed

No data available.

### SECTION 5: FIREFIGHTING MEASURES

Non-flammable.

#### 5.1. Extinguishing media

##### Suitable methods of extinction

In the event of a fire, use:

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

##### Unsuitable methods of extinction

In the event of a fire, do not use:

- water jet

#### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

### 5.3. Advice for firefighters

No data available.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

#### For non fire-fighters

Avoid any contact with the skin and eyes.

#### For fire-fighters

Fire-fighters will be equipped with suitable personal protective equipment (See section 8).

### 6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

### 6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

### 6.4. Reference to other sections

No data available.

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## SECTION 7: HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

### 7.1. Precautions for safe handling

Always wash hands after handling.

Ensure that there is adequate ventilation, especially in confined areas.

#### Fire prevention:

Prevent access by unauthorised personnel.

#### Recommended equipment and procedures:

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position

#### Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

### 7.2. Conditions for safe storage, including any incompatibilities

No data available.

#### Storage

Keep out of reach of children

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

#### Packaging

Always keep in packaging made of an identical material to the original

### 7.3. Specific end use(s)

No data available.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

#### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles in accordance with standard EN166.

**- Hand protection**

Wear suitable protective gloves in the event of prolonged or repeated skin contact.

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.

**- Body protection**

Avoid skin contact.

Wear suitable protective clothing

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

**General information:**

Physical state: fluid liquid

**Important health, safety and environmental information:**

pH of the substance or preparation: not relevant.

The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range: not specified.

Flash point interval: not relevant.

Vapour pressure: not relevant.

Density: not stated.

Water solubility: Soluble.

Viscosity:  $v < 7 \text{ mm}^2/\text{s}$  (40°C)

Melting point/melting range: not specified.

Self-ignition temperature: not specified.

Decomposition point/decomposition range : not specified.

**9.2. Other information**

No data available.

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**SECTION 10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

This mixture is stable under the recommended handling and storage conditions in section 7.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**10.6. Hazardous decomposition products**

The thermal decomposition may release/form:

- carbon monoxide (CO)

- carbon dioxide (CO2)

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## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

Repeated or prolonged contact with the mixture may cause removal of natural oil from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Splashes in the eyes may cause irritation and reversible damage

May cause an allergic reaction by skin contact.

#### Acute toxicity:

CAS: MIXTURE  
TROYSOL LAC

Oral route:	DL50 > 5000 mg/kg Species: Rat (recommended by the CLP)
Dermal route:	DL50 > 2000 mg/kg Species: Rabbit (recommended by the CLP)
Inhalation route :	CL50 = 2.12 mg/l Species: Rat (recommended by the CLP)

#### Mixture

No toxicological data available for the mixture.

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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Substances

Substances classified as category 1 acute toxicity:

CAS: MIXTURE  
TROYSOL LAC

Fish toxicity:	Duration of exposure: 96 h CL50 = 6.7 mg/l Species: Brachydanio rerio
Crustacean toxicity:	Duration of exposure: 48 h CE50 > 100 mg/l Species: Daphnia magna
Algae toxicity:	Duration of exposure: 72 h CEr50 = 19 mg/l Species: Scenedesmus subspicatus

#### Mixtures

No aquatic toxicity data available for the mixture.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

### German regulations concerning the classification of hazards for water (WGK):

WGK 1 (VwVwS vom 27/07/2005, KBws): Slightly hazardous for water.

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### SECTION 13: DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

#### 13.1. Waste treatment methods

Do not pour into drains or waterways.

#### Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

#### Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

#### Codes of wastes (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste) :

08 01 13 \* sludges from paint or varnish containing organic solvents or other dangerous substances

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### SECTION 14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2011 - IMDG 2010 - ICAO/IATA 2011).

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### SECTION 15: REGULATORY INFORMATION

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The mixture is contained in packaging that does not exceed 125 ml.

#### - Particular provisions:

No data available.

#### - German regulations concerning the classification of hazards for water (WGK):

Germany: WGK 1 (VwVwS vom 27/07/2005, KBws)

#### 15.2. Chemical safety assessment

No data available.

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### SECTION 16: OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Title for H, EUH and R indications mentioned in section 3:

H301	Toxic if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure .

H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
R 23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R 34	Causes burns.
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 38	Irritating to skin.
R 41	Risk of serious damage to eyes.
R 43	May cause sensitisation by skin contact.
R 48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R 50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Abbreviations:**

ADR: European agreement concerning the international carriage of dangerous goods by Road.  
IMDG: International Maritime Dangerous Goods.  
IATA: International Air Transport Association.  
ICAO: International Civil Aviation Organisation  
RID: Regulations concerning the International carriage of Dangerous goods by rail.  
WGK: Wassergefährdungsklasse (Water Hazard Class).