

## URESPRAY F-100

### Safety Data Sheet dated 7/6/2012, version 1

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Trade name: URESPRAY F-100

Trade code: 707179FAB

Product type and use:

Formulated poliol  
Industrial use

Company:

SYNTHESIA INTERNACIONAL, S.L.U. - C/. Argent, 3 - 08775 - Castellbisbal - Barcelona - ESPAÑA

Emergency telephone number of the company and/or an authorised advisory centre:


SYNTHESIA INTERNACIONAL, S.L.U. - Phone nr.(34) 93.682.13.00

Competent person responsible for the safety data sheet:

info@synte.es

#### 2. HAZARDS IDENTIFICATION

Properties / Symbols:

 Xn Harmful

 Xi Irritant

 N Dangerous for the environment

R Phrases:

R21/22 Harmful in contact with skin and if swallowed.

R36 Irritating to eyes.

R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and CLP regulation and corresponding classification:

25% - 30% diethylmethylbenzenediamine

REACH No.: 01-2119486805-25-0000 CAS: 68479-98-1 EC: 270-877-4

Xn,Xi,N; R21/22-36-48/22-50/53

0.25% - 0.5% Dibutil tin dilaurat

CAS: 77-58-7 EC: 201-039-8

T,Xn,Xi,N; R38-22-60-61-68-48/25-50/53

0.25% - 0.5% Difenil(u-((tetrapropenil)succinato(2-)-O:O'))dimercurio

CAS: 27236-65-3 EC: 234-835-5

T,C,N; R25-34-48/24/25-50/53

0.1% - 0.25% 2-ethylhexanoic acid

REACH No.: 01-2119488942-23-XXXX CAS: 149-57-5 EC: 205-743-6

Repr. Cat. 3; R63

#### 4. FIRST AID MEASURES

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

In case of eyes contact:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes.

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Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

In case of Ingestion:

Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet. A suspension of activated charcoal in water, or liquid paraffin may be administered.

In case of Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

### 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

CO<sub>2</sub>, Foam, Chemical powders, according to the materials involved in the fire, Water.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

### 7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

Exothermically reacts in contact with isocyanates.

Storage conditions:

Store at : 15°C - 25°C

Should be stored under cover. Avoid direct exposure to sunlight.

Instructions as regards storage premises:

Adequately ventilated premises.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Not needed for normal use.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

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### Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

### Exposure limit(s) (ACGIH):

2-ethylhexanoic acid

TLV TWA: 0,85 ppm - 5 mg/m<sup>3</sup>

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid
Colour:	Clear brown
Odour:	Slight ammonia odor
pH:	11
Flash point:	> 170 °C
Relative density:	1,02 g/cm <sup>3</sup> 20°C
Solubility in water:	No
Lipid solubility:	No
Viscosity:	800 cps 22°C

## 10. STABILITY AND REACTIVITY

### Conditions to avoid:

Stable under normal conditions.

### Substances to avoid:

Exothermically reacts in contact with isocyanates.

### Hazardous decomposition products:

None.

It may catch fire on contact with oxidising mineral acids, and powerful oxidising agents.

## 11. TOXICOLOGICAL INFORMATION

There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.

Toxicological information on main components of the mixture:

## 12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

List of substances dangerous for the environment and corresponding classification:

25% - 30% diethylmethylbenzenediamine

REACH No.: 01-2119486805-25-0000 CAS: 68479-98-1 EC: 270-877-4

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

0.25% - 0.5% Dibutyl tin dilaurat

CAS: 77-58-7 EC: 201-039-8

R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

Dispose of this material and its container to hazardous or special waste collection point.

Use appropriate container to avoid environmental contamination.

This material and its container must be disposed of as hazardous waste.

91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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### 14. TRANSPORT INFORMATION

ADR/IATA/IMDG UN Number & Shipping Name: UN3082 Environmentally hazardous substances, liquid, n.o.s.  
 nos: Diethylmethylbenzenediamine  
 ADR/IATA/IMDG Class: 9  
 ADR/IATA/IMDG Packing Group: III  
 ADR/IATA/IMDG Upper number: 90  
 ADR/IATA/IMDG Label: 9  
 Marine pollutant: Marine pollutant

### 15. REGULATORY INFORMATION

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH), Regulation (CE) n.1272/2008 (CLP) (Annex VI), Regulation (CE) n.790/2009.





Xn



N

Symbols:

 Xn Harmful  
 N Dangerous for the environment

R Phrases:

R21/22 Harmful in contact with skin and if swallowed.  
 R36 Irritating to eyes.  
 R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S36/37 Wear suitable protective clothing and gloves.  
 S56 Dispose of this material and its container to hazardous or special waste collection point.  
 S57 Use appropriate container to avoid environmental contamination.  
 S60 This material and its container must be disposed of as hazardous waste.

Contents:

diethylmethylbenzenediamine

### 16. OTHER INFORMATION

Full text of R phrases appearing in section 3:

Full text of phrases referred to in Section 3:

R21/22 Harmful in contact with skin and if swallowed.  
 R22 Harmful if swallowed.  
 R25 Toxic if swallowed.  
 R34 Causes burns.  
 R36 Irritating to eyes.  
 R38 Irritating to skin.  
 R48/22 Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
 R48/24/25 Toxic: danger of serious damage to health by prolonged exposure in contact with skin and if swallowed.  
 R48/25 Toxic: danger of serious damage to health by prolonged exposure if swallowed.  
 R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
 R60 May impair fertility.  
 R61 May cause harm to the unborn child.

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R63 Possible risk of harm to the unborn child  
R68 Possible risk of irreversible effects.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 2004 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

The product is polymer according REACH definition (Chapter 2, article 3-5 and document: "Guidance for monomers and polymers", ECHA, May 2008).