



# Safety Data Sheet

## 2800 (01-20) - 2801 (01-10) WSTAIN SERIES

Safety Data Sheet dated 4/3/2015, edition 3, version 1

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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

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#### 1.1. Product identifier

Mixture identification:

Trade name: 2800 (01-20) - 2801 (01-10) WSTAIN SERIES

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

Recommended use:

Mixtures for the industrial and/or professional finishing for leather and shoes.

Uses advised against:

Stick to the recommended use.

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

Supplier:

FENICE S.p.A. - V. del Lavoro, 1 - 36078 Valdagno (VI) Italy

FENICE S.p.A. - Tel. +39.0445.424.888

Competent person responsible for the safety data sheet:

ufficio.sicurezza@fenice.com

#### 1.4. Emergency telephone number

FENICE S.p.A. - Tel. +39.0445.424.888 (8:00-12:00; 14:00-17:30)

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### SECTION 2: Hazards identification

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

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

This product is not a hazardous article and need not be labelled according to EC-Directive 67/548, 1999/45 as amended.

EC regulation criteria 1272/2008 (CLP):

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

#### 2.2. Label elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Contents:

1,2-benzisothiazol-3(2H)-one: May produce an allergic reaction.

reaction mass of isothiazolinones: May produce an allergic reaction.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None



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### 2.3. Other hazards

vPvB Substances: None - PBT Substances: None

Other Hazards:

No other hazards.

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## SECTION 3: Composition/information on ingredients

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### 3.1. Substances

Not available

### 3.2. Mixtures

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

20% - 30% (2-methoxymethylethoxy)propanol


REACH No.: 01-2119450011-60, CAS: 34590-94-8, EC: 252-104-2

substance with a Community workplace exposure limit

3% - 18% 1-methoxy-2-propanol

REACH No.: 01-2119457435-35, Index number: 603-064-00-3, CAS: 107-98-2, EC: 203-539-1

R10-67; substance with a Community workplace exposure limit


 2.6/3 Flam. Liq. 3 H226

 3.8/3 STOT SE 3 H336

< 10% 2-(2-butoxyethoxy)ethanol

REACH No.: 01-2119475104-44, Index number: 603-096-00-8, CAS: 112-34-5, EC: 203-961-6


Xi; R36

 3.3/2 Eye Irrit. 2 H319

< 3% ethanol

REACH No.: 01-2119457610-43, Index number: 603-002-00-5, CAS: 64-17-5, EC: 200-578-6


F; R11; substance with a Community workplace exposure limit

 2.6/2 Flam. Liq. 2 H225

< 1.5% isopropyl alcohol

REACH No.: 01-2119457558-25, Index number: 603-117-00-0, CAS: 67-63-0, EC: 200-661-7

F, Xi; R11-36-67

 2.6/2 Flam. Liq. 2 H225

 3.3/2 Eye Irrit. 2 H319

 3.8/3 STOT SE 3 H336

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## SECTION 4: First aid measures

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### 4.1. Description of first aid measures

In case of skin contact:

Wash the affected parts with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:



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Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

In case of respiratory problems, medical care is needed.

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

None

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

Treatment:

None

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### SECTION 5: Firefighting measures

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#### 5.1. Extinguishing media

Suitable extinguishing media:

CO<sub>2</sub>, foam, dry extinguishers, nebulised water.

Extinguishing media which must not be used for safety reasons:

Water hoses.

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

Do not inhale explosion and combustion gases.

Do not inhale combustion gases.

Burning produces heavy smoke.

#### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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### SECTION 6: Accidental release measures

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

Wear personal protection equipment.

Eliminate all unguarded flames and possible sources of ignition. Do not smoke.

Remove persons to safety.

See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: inert absorbing material.

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

Stop the leak or spill if this is not a risk. Use inert absorbent material to surround the contaminated area.

Collect the product wearing, if necessary, appropriate protective equipment for a possible recovering or for disposal. Dispose in line with current laws and norms. Do not pour into drains.

#### 6.4. Reference to other sections

See also section 8 and 13

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### SECTION 7: Handling and storage

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#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.



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Do not eat or drink while working. Do not smoke.  
See also section 8 for recommended protective equipment.

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

Store in a well-ventilated place at a temperature between +5/40°C.  
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.  
Keep away from food, drink and feed.  
Incompatible materials:  
None in particular.  
Instructions as regards storage premises:  
Cool and adequately ventilated.

#### 7.3. Specific end use(s)

None in particular

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### SECTION 8: Exposure controls/personal protection

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#### 8.1. Control parameters

(2-methoxymethylethoxy)propanol - CAS: 34590-94-8  
EU - LTE(8h): 308 mg/m<sup>3</sup>, 50 ppm - Notes: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH, 100 ppm, 150 ppm - Notes: Skin - Eye and URT irr, CNS impair

1-methoxy-2-propanol - CAS: 107-98-2  
EU - LTE(8h): 375 mg/m<sup>3</sup>, 100 ppm - STE: 563 mg/m<sup>3</sup>, 150 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH, 50 ppm, 100 ppm - Notes: A4 - Eye and URT irr

2-(2-butoxyethoxy)ethanol - CAS: 112-34-5  
EU - LTE(8h): 67,5 mg/m<sup>3</sup>, 10 ppm - STE: 101,2 mg/m<sup>3</sup>, 15 ppm - Notes: Bold-type: Indicative Occupational Exposure Limit Values [2,3] and Limit Values for Occupational Exposure [4] (for references see bibliography)  
ACGIH, 10 ppm - Notes: (IFV) - Hematologic, liver and kidney eff

ethanol - CAS: 64-17-5  
ACGIH, 1000 ppm - Notes: A3 - URT irr

isopropyl alcohol - CAS: 67-63-0  
ACGIH, 200 ppm, 400 ppm - Notes: A4, BEI - Eye and URT irr, CNS impair  
DNEL Exposure Limit Values  
Not available  
PNEC Exposure Limit Values  
Not available

#### 8.2. Exposure controls

##### Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

##### Protection for skin:

No special precaution must be adopted for normal use.

##### Protection for hands:

Not needed for normal use.

##### Respiratory protection:

Not necessary if the product is handled in a well-ventilated place. If ventilation is insufficient, application by spray or handling is prolonged, use an anti-organic vapour mask.

Avoid inhaling vapours when spraying. Use the product in an area with a suitable method of air ventilation. If not available, use adequate protective respiratory equipment.

##### Thermal Hazards:

None

##### Environmental exposure controls:

None

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### SECTION 9: Physical and chemical properties

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

Appearance:	fluid
Colour:	various
Odour:	characteristic
Odour threshold:	Not available
pH:	8
Melting point / freezing point:	<0 °C
Initial boiling point and boiling range:	>100 °C
Solid/gas flammability:	Not available
Upper/lower flammability or explosive limits:	Not available
Vapour density:	Not available
Flash point:	>65 °C
Evaporation rate:	Not available
Vapour pressure:	Not available
Relative density:	0.97 g/cm <sup>3</sup>
Solubility in water:	miscible
Solubility in oil:	miscible in glycolethers
Partition coefficient (n-octanol/water):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity:	Not available

### 9.2. Other information

Conductivity:	Not available
Substance Groups relevant properties:	Not available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions

### 10.2. Chemical stability

Stable under normal conditions

### 10.3. Possibility of hazardous reactions

None in particular in the normal conditions of use.

### 10.4. Conditions to avoid

The product is stable under normal storage/use conditions.

### 10.5. Incompatible materials

None in particular.

### 10.6. Hazardous decomposition products

May produce toxic and noxious fumes in case of fire.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects



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Toxicological information of the mixture:  
Not available

Toxicological information of the main substances found in the mixture:

1-methoxy-2-propanol - CAS: 107-98-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5300 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 13000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 54.6 mg/l - Duration: 4h

2-(2-butoxyethoxy)ethanol - CAS: 112-34-5

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 2000 mg/kg

isopropyl alcohol - CAS: 67-63-0

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 5840 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit = 13900 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat > 25000 mg/m<sup>3</sup> - Duration: 6h

Further information

Inhalation: may cause drowsiness and headaches.

If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

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## SECTION 12: Ecological information

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### 12.1. Toxicity

Adopt sound working practices, so that the product is not released into the environment.  
Not available

### 12.2. Persistence and degradability

Not available

### 12.3. Bioaccumulative potential

Not available

### 12.4. Mobility in soil

Not available

### 12.5. Results of PBT and vPvB assessment

vPvB Substances: None - PBT Substances: None

### 12.6. Other adverse effects

None

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## SECTION 13: Disposal considerations

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### 13.1. Waste treatment methods

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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.

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### SECTION 14: Transport information

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#### 14.1. UN number

This material is NOT RESTRICTED for transportation (ADR/RID, IMDG, IATA, ICAO).

#### 14.2. UN proper shipping name

Not available

#### 14.3. Transport hazard class(es)

Not available

#### 14.4. Packing group

Not available

#### 14.5. Environmental hazards

Not available

#### 14.6. Special precautions for user

Not available

#### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No

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### SECTION 15: Regulatory information

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

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances)

Dir. 99/45/EC (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/EC

Regulation (EC) n. 1907/2006 (REACH)

Regulation (EC) n. 1272/2008 (CLP)

Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013

Regulation (EU) n. 453/2010 (Annex I)

Regulation (EU) n. 286/2011 (ATP 2 CLP)

Regulation (EU) n. 618/2012 (ATP 3 CLP)

Regulation (EU) n. 487/2013 (ATP 4 CLP)

Regulation (EU) n. 944/2013 (ATP 5 CLP)

Regulation (EU) n. 605/2014 (ATP 6 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC)

1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

Restriction 40

Restrictions related to the substances contained:

Restriction 55

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

Regulation (EC) nr 648/2004 (detergents).

1999/13/EC (VOC directive)

Provisions related to directives 82/501/EC(Seveso), 96/82/EC(Seveso II):

Not available

#### 15.2. Chemical safety assessment

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No

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#### SECTION 16: Other information

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Text of phrases referred to under heading 3:

R10 Flammable.  
R11 Highly flammable.  
R36 Irritating to eyes.  
R67 Vapours may cause drowsiness and dizziness.

H226 Flammable liquid and vapour.  
H336 May cause drowsiness or dizziness.  
H319 Causes serious eye irritation.  
H225 Highly flammable liquid and vapour.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

NIOSH - Registry of toxic effects of chemical substances (1983)  
I.N.R.S. - Fiche Toxicologique  
CCNL - Appendix 1 "TLV for 1989-90"

ECHA database on registered substances (<http://apps.echa.europa.eu/registered/registered-sub.aspx>)  
ECHA Classification and Labelling Inventory ([http://echa.europa.eu/clp/c\\_l\\_inventory\\_en.asp](http://echa.europa.eu/clp/c_l_inventory_en.asp))  
GESTIS hazardous substances database of German Berufsgenossenschaften  
(<http://www.dguv.de/ifa/Gefahrstoffdatenbanken/GESTIS-Stoffdatenbank/index-2.jsp>)

This product must be kept, handled and used in accordance with health and safety regulations, sound industrial practice and conforming to the laws in force.

The information given is based on our present knowledge, at the time of sending the data sheet and only serves for describing the product for security reasons, without guaranteeing specific properties.

Due to the various uses of our product and for factors not dependent on us, no responsibility is accepted for the use of this information.

Please keep your records up to date and make this sheet available to all relevant personnel. This safety sheet cancels and substitutes any other previous issue.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.





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RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).
WGK:	German Water Hazard Class.