

**Safety data sheet**  
**according to UK REACH (SI 2020/1577) as amended**

Printing date 17.03.2025

Version number 3

Revision: 17.03.2025

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

- **1.1 Product identifier**
- **Trade name:** Destain solution
- **Product Code:** 30-40-10, 30-40-50
- **Registration number** Mixture
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Product category** PC21 Laboratory chemicals
- **Application of the substance / the mixture** Laboratory chemicals
- **Uses advised against**  
Any use not specified above.  
The product is strictly intended for industrial or professional use only.
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier:**  
Severn Biotech Ltd.  
Unit 2,  
Park Lane,  
Kidderminster,  
Worcestershire.  
DY11 6TJ  
UK  
Tel: 0044 1562 825286  
Fax: 0044 1562 825284  
email: info@severnbiotech.com
- **Further information obtainable from:** Product safety department.
- **1.4 Emergency telephone number:**  
Members of the public seeking specific information on poisons should contact:  
In England and Wales: NHS 111 - dial 111  
In Scotland: NHS 24 - dial 111

**\* SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to GB-CLP**  
Flam. Liq. 3 H226 Flammable liquid and vapour.  
Met. Corr.1 H290 May be corrosive to metals.  
Acute Tox. 3 H301 Toxic if swallowed.  
Acute Tox. 3 H311 Toxic in contact with skin.  
Acute Tox. 3 H331 Toxic if inhaled.  
Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2 H319 Causes serious eye irritation.  
STOT SE 1 H370 Causes damage to the central nervous system and the visual organs.
- **2.2 Label elements**
- **Labelling according to GB-CLP** The product is classified and labelled according to the GB CLP regulation.

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### · Hazard pictograms



GHS02   GHS05   GHS06   GHS08

### · Signal word Danger

### · Hazard-determining components of labelling:

Methanol

### · Hazard statements

- H226                      Flammable liquid and vapour.
- H290                      May be corrosive to metals.
- H301+H311+H331      Toxic if swallowed, in contact with skin or if inhaled.
- H315                      Causes skin irritation.
- H319                      Causes serious eye irritation.
- H370                      Causes damage to the central nervous system and the visual organs.

### · Precautionary statements

- P301+P310              IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
- P330                      Rinse mouth.
- P303+P361+P353      IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P305+P351+P338      IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P361+P364              Take off immediately all contaminated clothing and wash it before reuse.
- P405                      Store locked up.
- P501                      Dispose of contents/container in accordance with local regulations.

### · 2.3 Other hazards

### · Results of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

## SECTION 3: Composition/information on ingredients

### · 3.2 Mixtures

- **Description:** Mixture of substances listed below with nonhazardous additions.

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<b>· Dangerous components:</b>		
CAS: 67-56-1 EINECS: 200-659-6 Index number: 603-001-00-X Reg.nr.: 01-2119433307-44-XXXX	<b>Methanol</b> ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370 ATE: LD50 oral: 100 mg/kg LD50 dermal: 300 mg/kg LC50/4 h inhalative: 3 mg/l Specific concentration limits: STOT SE 1; H370: $C \geq 10\%$ STOT SE 2; H371: $3\% \leq C < 10\%$	25 – 50%
CAS: 64-19-7 EINECS: 200-580-7 Index number: 607-002-00-6 Reg.nr.: 01-2119475328-30-XXXX	<b>Acetic acid</b> ⚠ Flam. Liq. 3, H226; ⚠ Skin Corr. 1A, H314 Note: B Specific concentration limits: Skin Corr. 1A; H314: $C \geq 90\%$ Skin Corr. 1B; H314: $25\% \leq C < 90\%$ Skin Irrit. 2; H315: $10\% \leq C < 25\%$ Eye Irrit. 2; H319: $10\% \leq C < 25\%$ Met. Corr.1; H290: $C \geq 10\%$	10%

**· Additional information:** For the wording of the listed hazard phrases refer to section 16.

## \* SECTION 4: First aid measures

### · 4.1 Description of first aid measures

#### · General information:

Immediately remove any clothing soiled by the product.

Remove breathing equipment only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

#### · After inhalation:

In case of inhalation:

- Provide fresh air.

- In case of breathing difficulties administer oxygen.

- No mouth-to-mouth or mouth-to-nose resuscitation. Use respiratory bag or oxygen resuscitation apparatus.

- Do not leave patient unattended.

In case of unconsciousness place patient stably in side position for transportation.

#### · After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

#### · After eye contact:

Check for and remove any contact lenses.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

#### · After swallowing:

Wash mouth out with water

Do not induce vomiting; call for medical help immediately.

If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

#### · Information for doctor: Antidote: Ethanol may inhibit methanol metabolism.

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

Headache

Dizziness

Unconsciousness

Nausea

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### \* SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
Flammable. Vapors may travel to source of ignition and flash back.  
In case of fire, the following can be released:  
Carbon monoxide and carbon dioxide
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.  
Do not inhale explosion gases or combustion gases.
- **Additional information**  
Absorb gas/vapours with water spray.  
Cool endangered receptacles with water spray.  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

### \* SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Keep ignition sources away - no smoking.  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:**  
Do not allow to penetrate the ground/soil.  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**  
Contain and collect spillage with non-combustible, absorbent material e.g.sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### \* SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Store in cool, dry place in tightly closed receptacles.  
Avoid splashes or spray in enclosed areas.  
Safety showers and eye wash facilities should be available at the work area.

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Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

Welding and other hot work operations in the work area must only be permitted under supervision.

Vapour is heavier than air. Beware of accumulation in pits and confined spaces.

· **Information about fire - and explosion protection:**

Fumes can combine with air to form an explosive mixture.

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

· **Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

Store in a cool location.

· **Information about storage in one common storage facility:**

Store away from oxidising agents.

Store away from foodstuffs.

· **Further information about storage conditions:**

Store receptacle in a well ventilated area.

Store in cool, dry conditions in well sealed receptacles.

Protect from heat and direct sunlight.

· **Storage class: 3**

· **7.3 Specific end use(s)** No further relevant information available.

## \* SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

**CAS: 67-56-1 Methanol**

WEL Short-term value: 333 mg/m<sup>3</sup>, 250 ppm

Long-term value: 266 mg/m<sup>3</sup>, 200 ppm

Sk

**CAS: 64-19-7 Acetic acid**

WEL Short-term value: 50 mg/m<sup>3</sup>, 20 ppm

Long-term value: 25 mg/m<sup>3</sup>, 10 ppm

· **DNELs**

**CAS: 67-56-1 Methanol**

Oral	Long-term systemic effects	4 mg/kg bw/day (general population)
	Short-term systemic effects	4 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	4 mg/kg bw/day (general population)
		20 mg/kg bw/day (worker)
Inhalative	Short-term systemic effects	4 mg/kg bw/day (general population)
		20 mg/kg bw/day (worker)
	Long-term systemic effects	26 mg/m <sup>3</sup> (general population)

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	Short-term systemic effects	130 mg/m <sup>3</sup> (worker) 26 mg/m <sup>3</sup> (general population)
	Long-term local effects	130 mg/m <sup>3</sup> (worker) 26 mg/m <sup>3</sup> (general population)
	Short-term local effects	130 mg/m <sup>3</sup> (worker) 26 mg/m <sup>3</sup> (general population) 130 mg/m <sup>3</sup> (worker)

**CAS: 64-19-7 Acetic acid**

Inhalative	Long-term local effects	25 mg/m <sup>3</sup> (general population) 25 mg/m <sup>3</sup> (worker)
	Short-term local effects	25 mg/m <sup>3</sup> (general population) 25 mg/m <sup>3</sup> (worker)

**· PNECs**
**CAS: 64-19-7 Acetic acid**

Freshwater	3.058 mg/L
Freshwater - Intermittent releases	30.58 mg/L
Marine water	305.8 µg/L
Sewage Treatment Plant	85 mg/L
Sediment (freshwater)	11.36 mg/kg
Sediment (marine water)	1.136 mg/kg
Soil	470 µg/kg

**· Additional information:** The lists valid during the making were used as basis.

**· 8.2 Exposure controls**
**· Appropriate engineering controls** No further data; see section 7.

**· Individual protection measures, such as personal protective equipment**
**· General protective and hygienic measures:**

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

Storing food in the working area is prohibited.

A safe system of work must be formulated and followed to ensure safe working with this product. Relevant workers must receive suitable and sufficient training and supervision.

Take note of assigned Workplace Exposure Limits.

Ensure that eyewash stations and safety showers are close to the workstation location.

Depending on the degree of exposure, periodic medical examination is suggested.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the eyes and skin.

**· Respiratory protection:**

Use suitable respiratory protective device in case of insufficient ventilation.

Filter A for organic vapours

**· Hand protection**


Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Nitrile rubber, NBR

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Break-through time: > 480 minutes

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

· **Eye/face protection**



Tightly sealed goggles conforming to EN166.

· **Body protection:**



Flame retardant antistatic protective clothing.

Body protection must be chosen depending on product properties, activity and possible exposure.

· **Environmental exposure controls** Do not let product enter drains. Risk of explosion.

· **Risk management measures** The operators shall be instructed adequately.

## \* SECTION 9: Physical and chemical properties

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

· **General Information**

· <b>Physical state</b>	Liquid
· <b>Colour:</b>	Colourless
· <b>Odour:</b>	Alcohol-like
· <b>Odour threshold:</b>	Not determined.
· <b>Melting point/freezing point:</b>	Undetermined.
· <b>Boiling point or initial boiling point and boiling range</b>	78 °C
· <b>Flammability</b>	Not applicable.
· <b>Lower and upper explosion limit</b>	
· <b>Lower:</b>	4 Vol %
· <b>Upper:</b>	44 Vol %
· <b>Flash point:</b>	25 °C
· <b>Auto-ignition temperature:</b>	455 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>Dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>water:</b>	Fully miscible.
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	128 hPa

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· <b>Density and/or relative density</b>	
· <b>Density at 20 °C:</b>	0.9 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Liquid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Ignition temperature:</b>	Product is not self-igniting.
· <b>Explosive properties:</b>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <b>Solvent content:</b>	
· <b>VOC (EC)</b>	50.00 %
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.
· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Flammable liquid and vapour.
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	May be corrosive to metals.
· <b>Desensitised explosives</b>	Void

### \* SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
At elevated temperatures, explosive vapour/air mixtures may be formed.
- **10.3 Possibility of hazardous reactions** Reacts violently with oxidising agents.
- **10.4 Conditions to avoid** Heat and static discharge.
- **10.5 Incompatible materials:**  
Strong oxidising agents.  
Strong bases.

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- **10.6 Hazardous decomposition products:** Carbon monoxide and carbon dioxide

## \* SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**

- **Acute toxicity**

Toxic if swallowed, in contact with skin or if inhaled.

- **LD/LC50 values relevant for classification:**

### ATE (Acute Toxicity Estimates)

Oral	LD50	250 mg/kg
Dermal	LD50	750 mg/kg
Inhalative	LC50/4 h	7.5 mg/l

### CAS: 64-19-7 Acetic acid

Inhalative	LC50/4 h	40 mg/l (rat)
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- **Primary irritant effect:**
- **Skin corrosion/irritation**  
Causes skin irritation.
- **Serious eye damage/irritation**  
Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure**  
Causes damage to the central nervous system and the visual organs.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Subacute to chronic toxicity:**  
Prolonged or repeated skin contact may irritate and cause dermatitis.  
EFFECTS OF LONG-TERM OR REPEATED EXPOSURE: May have effects on the central nervous system.
- **Additional toxicological information:**  
ROUTES OF EXPOSURE: The component substances can variously be absorbed into the body by inhalation, through the skin and by ingestion.  
Symptoms of methanol overexposure may include intoxication, headache, drowsiness, nausea, vomiting, blurred vision, blindness, coma and death. It is a defatting agent and can cause skin and eye irritation. Absorption through the skin is possible. Chronic exposure may cause liver and eye injury.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients are listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

### CAS: 64-19-7 Acetic acid

EC50 (96 h)	> 300.82 mg/l (Daphnia)
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EC50 (72 h)	> 300.82 mg/l (Fish) 300.82 mg/l (Algae)
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- **12.2 Persistence and degradability** biodegradable
- **12.3 Bioaccumulative potential** Product is not expected to bioaccumulate.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:**  
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.

## \* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
 Recommended Hierarchy of Controls:
  - Minimise waste;
  - Reuse if not contaminated;
  - Recycle, if possible; or
  - Safe disposal (if all else fails).
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.  
 Contact waste processors for recycling information.  
 Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.
- **Uncleaned packaging:**
- **Recommendation:**  
 Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.  
 Container remains hazardous when empty. Continue to observe all precautions.  
 Do not mix with other waste streams.  
 Containers, even those that are "empty," may contain residues that can develop flammable vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

## \* SECTION 14: Transport information

- |                                                                                          |                                                                                                                                                                   |
|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR/RID/ADN, IMDG, IATA</b>                 | UN3286                                                                                                                                                            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR/RID/ADN</b><br><br>· <b>IMDG, IATA</b> | UN3286 FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (METHANOL, ACETIC ACID, GLACIAL)<br>FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (METHANOL, ACETIC ACID, GLACIAL) |

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<b>· 14.3 Transport hazard class(es)</b>	
<b>· ADR/RID/ADN</b>	
  	
<b>· Class</b> <b>· Label</b>	3 (FTC) Flammable liquids. 3+6.1+8
<b>· IMDG</b>	
  	
<b>· Class</b> <b>· Label</b>	3 Flammable liquids. 3/6.1/8
<b>· IATA</b>	
  	
<b>· Class</b> <b>· Label</b>	3 Flammable liquids. 3 (6.1, 8)
<b>· 14.4 Packing group</b>	
<b>· ADR/RID/ADN, IMDG, IATA</b>	II
<b>· 14.5 Environmental hazards:</b>	
<b>· Marine pollutant:</b>	No
<b>· 14.6 Special precautions for user</b>	
<b>· Hazard identification number (Kemler code):</b>	Warning: Flammable liquids. 368
<b>· Hazchem Code:</b>	•3WE
<b>· EMS Number:</b>	F-E,S-C
<b>· Stowage Category</b>	B
<b>· Stowage Code</b>	SW2 Clear of living quarters.
<b>· Segregation Code</b>	SG5 Segregation as for class 3 SG8 Stow "away from" class 4.1
<b>· 14.7 Maritime transport in bulk according to IMO instruments</b>	
Not applicable.	
<b>· Transport/Additional information:</b>	
<b>· ADR/RID/ADN</b>	
<b>· Limited quantities (LQ)</b>	1L
<b>· Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
<b>· Transport category</b>	2
<b>· Tunnel restriction code</b>	D/E

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<ul style="list-style-type: none"> <li>· <b>IMDG</b></li> <li>· <b>Limited quantities (LQ)</b></li> <li>· <b>Excepted quantities (EQ)</b></li> </ul>	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
<ul style="list-style-type: none"> <li>· <b>UN "Model Regulation":</b></li> </ul>	UN 3286 FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (METHANOL, ACETIC ACID, GLACIAL), 3 (6.1+8), II

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients are listed.

- **Regulated poisons**

None of the ingredients are listed.

- **Reportable explosives precursors**

None of the ingredients are listed.

- **Reportable poisons**

None of the ingredients are listed.

- **Control Of Major Accident Hazards Regulations 2015 (COMAH)**
- **Named dangerous substances - ANNEX I** None of the ingredients are listed.
- **COMAH category**  
H2  
P5c
- **Qualifying quantity (tonnes) for the application of lower-tier requirements** 50 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements** 200 t
- **National regulations:**
- **Information about limitation of use:**

Class	Share in %
Wasser	50.0
I	40.0
II	10.0

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

- **Relevant phrases**

H225 Highly flammable liquid and vapour.

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## Safety data sheet

according to UK REACH (SI 2020/1577) as amended

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Version number 3

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**Trade name: Destain solution**

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H226 Flammable liquid and vapour.  
H290 May be corrosive to metals.  
H301 Toxic if swallowed.  
H311 Toxic in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H331 Toxic if inhaled.  
H370 Causes damage to organs.  
H371 May cause damage to organs.

**• Training hints**

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

**• Department issuing SDS: Product safety department.****• Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
VOC: Volatile Organic Compounds (USA, EU)  
DNEL: Derived No-Effect Level (UK REACH)  
PNEC: Predicted No-Effect Concentration (UK REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
ATE: Acute toxicity estimate values  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Met. Corr. 1: Corrosive to metals – Category 1  
Acute Tox. 3: Acute toxicity – Category 3  
Skin Corr. 1A: Skin corrosion/irritation – Category 1A  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
STOT SE 1: Specific target organ toxicity (single exposure) – Category 1

**• \* Data compared to the previous version altered.**