
SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010

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

1.1 Product identifier

- Product Name: UNITOR REAGENT S DIGI
- Product Part Number: 733156-155
- 733156 (Unitor easyship reagent pack water) -773155 (Unitor easyship water test kit)

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

- Use of the substance/mixture: Reagent

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
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- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
-
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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 - International 24hrs Emergency NCEC: +44 1865 407333
 - American Chemistry Council 24hrs +1 703 527 3887
 - American 24hrs Emergency CHEMTREC (800) 424 9300
 - Greece: Poisoning emergency center, +30 210 7793777
 - Norway: Poison information centre, +47 22591300
 - Sweden: Poison information centre, +46 08 33 12 31
 - China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
 - Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998
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 - The Netherlands: National Poisons Information Centre + 31 30 274 88 88
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SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

SECTION 2 Hazards identification (....)

- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: N
- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment (R51/53)
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- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Signal Word: Warning
- Symbols: GHS09
- Aquatic Chronic 2
- Toxic to aquatic life with long lasting effects (H411).
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2.2 Label elements



- Signal Word: Warning
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- Contains:
- KEROSENE - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED LIGHT
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- Hazard phrases
- Toxic to aquatic life with long lasting effects (H411).
- Precautionary Phrases
- Avoid release to the environment (P273).
- Collect spillage (P391).
- Dispose of contents/container to an authorised waste collection point (P501)

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII
- Appearance: Liquid, blue, insoluble in water
- Odour: Characteristic odour

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Distillates (petroleum), hydrotreated light; Kerosine - unspecified
- Concentration:
- CAS Number: 64742-47-8
- EC Number: 265-149-8
- R/H Phrases: H304, H411, R65
- Symbols: GHS08, GHS09, Xn
- Categories: Asp. Tox. 1, Aquatic Chronic 2

SECTION 4 First aid measures

4.1 Description of first aid measures

- Contact with skin:
 - Wash affected area with plenty of soap and water (S28b)
 - Contaminated clothing should be laundered before reuse
 - Seek medical attention if irritation persists
- Contact with eyes:
 - If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
 - Irrigate eyes thoroughly whilst lifting eyelids
 - Seek medical attention if irritation persists
- Ingestion:
 - Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
 - If vomiting occurs turn patient on side
 - Give water or milk to drink
 - Obtain immediate medical attention
- Inhalation:
 - Remove patient to fresh air
 - Keep warm and at rest, in a half upright position. Loosen clothing
 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- In cases of severe exposure, systemic effects may develop
- The ingestion of significant quantities may cause nausea/vomiting
- In cases of severe exposure, breathing difficulty may develop
- In cases of severe exposure, dizziness, confusion, headache or stupor may develop

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
 - Treat symptomatically
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use carbon dioxide for extinction (P370+P378)
- In case of fire: use dry agent for extinction (P370+P378)
- In case of fire: use alcohol resistant foam for extinction (P370+P378)
- In case of fire: use water fog for extinction (P370+P378)

5.2 Special hazards arising from the substance or mixture

- Smoke from fires is toxic. Take precautions to protect personnel from exposure

5.3 Advice for firefighters

- Wear chemical protection suit and positive-pressure breathing apparatus
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SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

SECTION 6 Accidental release measures (....)

- Wear protective clothing as per section 8
- 6.2 Environmental Precautions
- Do not allow to enter public sewers and watercourses
- 6.3 Methods and material for containment and cleaning up
- Absorb spillage in inert material and shovel up
 - Ventilate the area and wash spill site after material pick-up is complete
- 6.4 Reference to other sections
- See Section 13
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SECTION 7 Handling and storage

- 7.1 Precautions for safe handling
- Wear protective clothing as per section 8
 - Do not get in eyes, on skin, or on clothing (P262).
 - Eyewash bottles should be available
- 7.2 Conditions for safe storage, including any incompatibilities
- Store in a well-ventilated place. Keep container tightly closed (P403+P233).
 - Keep away from open flames, hot surfaces and sources of ignition.
- 7.3 Specific end use(s)
- Contact supplier for further information
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SECTION 8 Exposure controls/personal protection

- 8.1 Control parameters
- TLV (TWA) 275 mg/m³ (Naphtha, low boiling, hydrogen treated)
- 8.2 Exposure controls
- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- 8.3 Occupational exposure controls



- Wear plastic or rubber gloves
 - Wear goggles giving complete eye protection
 - Penetration time of glove material:
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
 - Wear respiratory protection. Filter mask
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SECTION 9 Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Odour: Characteristic odour
 - Appearance: Liquid, blue, insoluble in water
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SECTION 9 Physical and chemical properties (....)

- pH - not applicable
- Boiling point 192 °C to 256 °C
- Vapour pressure 0.04 kPa at 20 deg C
- Melting point -20 °C
- Insoluble in water
- Flash point 72 deg C (CC)
- Auto-ignition point 230 deg C at 760 mm Hg
- Density: 0,792

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity**10.1 Reactivity**

- This article is considered stable under normal conditions

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat and sources of ignition

10.5 Incompatible materials

- Incompatible with strong oxidizing substances

10.6 Hazardous Decomposition Products

- In case of fire: (P370)
 - Decomposition products may include toxic fumes
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SECTION 11 Toxicological information**11.1 Information on toxicological effects**

- LD50 (oral,rat) >2000 mg/kg

11.2 Contact with eyes

- May cause redness and irritation

11.3 Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

11.4 Ingestion

- The ingestion of significant quantities may cause nausea/vomiting
- May cause gastro-intestinal disturbances
- Aspiration hazard
- Harmful: may cause lung damage if swallowed (R65)

11.5 Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
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SECTION 12 Ecological information

SECTION 12 Ecological information (....)

12.1 Toxicity

- Low toxicity to fish

12.2 Persistence and degradability

- BOD 5 / ThOD (20°C): 43-60 %

12.3 Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

12.4 Mobility in soil

- Insoluble in water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly. In its intended use, the product will not be released into the environment.
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SECTION 13 Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- EU Waste class: 07.01
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not Classified

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

SECTION 14 Transport information (....)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
 - DOT Proper Shipping Name: Not applicable
 - DOT Labels: Not applicable
 - Product RQ (lbs): Not applicable
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SECTION 15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H304: May be fatal if swallowed and enters airways. H411: Toxic to aquatic life with long lasting effects. R65: Harmful: may cause lung damage if swallowed.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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Wilhelmsen Ships Service INC 2200 W. Pacific Coast Highway US-90810 Long Beach California, United

SECTION 16 Other information (....)

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