

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : UNICLEAN BREAK  
 Product code : 16 1161313  
 Type of product : Cleaner  
 Product group : Chemical Cleaner

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use, Professional use  
 Industrial/Professional use spec : For professional use only  
 Industrial  
 Function or use category : Solvents

| Title | Use descriptors        |
|-------|------------------------|
|       | SU3, PC35, PROC5, ERC2 |

Full text of use descriptors: see section 16

##### 1.2.2. Uses advised against

No additional information available

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

UNIMARINE SERVICES INC.  
 60 MARKET SQUARE  
 PO BOX 364  
 BELIZE CITY  
 T +35725331054  
[info@unimarine-services.com](mailto:info@unimarine-services.com)

#### 1.4. Emergency telephone number

Emergency number : +35725331054

### SECTION 2: Hazards identification

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

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 3 H226  
 Serious eye damage/eye irritation, Category 2 H319  
 Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation H335  
 Specific target organ toxicity — Single exposure, Category 3, Narcosis H336  
 Aspiration hazard, Category 1 H304  
 Hazardous to the aquatic environment — Chronic Hazard, Category 2 H411

Full text of H statements : see section 16

##### Adverse physicochemical, human health and environmental effects

Flammable liquid and vapour. May cause drowsiness or dizziness. May cause respiratory irritation. Causes serious eye irritation. May be fatal if swallowed and enters airways. Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

|                                |  |
|--------------------------------|--|
| Signal word (CLP)              | : Danger   |
| Hazardous ingredients          | : Kerosine : solvent naphta heavy aromatic   |
| Hazard statements (CLP)        | : H226 - Flammable liquid and vapour<br>H304 - May be fatal if swallowed and enters airways<br>H319 - Causes serious eye irritation<br>H335 - May cause respiratory irritation<br>H336 - May cause drowsiness or dizziness<br>H411 - Toxic to aquatic life with long lasting effects   |
| Precautionary statements (CLP) | : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking<br>P233 - Keep container tightly closed<br>P240 - Ground/bond container and receiving equipment<br>P241 - Use explosion-proof Material equipment<br>P261 - Avoid breathing vapours<br>P264 - Wash hands thoroughly after handling |
| EUH-statements                 | : EUH066 - Repeated exposure may cause skin dryness or cracking  |

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name                                     | Product identifier   | %       | Classification according to Directive 67/548/EEC | Classification according to Regulation (EC) No. 1272/2008 [CLP]  |
|--|--|---------|--|--|
| Kerosine : solvent naphta heavy aromatic | (EC No) 918-811-1<br>(EC Index No) 649-424-00-3<br>(REACH-no) 01-2119463583-34 | 30 - 50 | R10  | Flam. Liq. 3, H226<br>STOT SE 3, H336<br>STOT SE 3, H335<br>Asp. Tox. 1, H304<br>Aquatic Chronic 2, H411 |

Full text of R- and H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

|                                       |  |
|---------------------------------------|--|
| First-aid measures general            | : If medical advice is needed, have product container or label at hand.                                      |
| First-aid measures after inhalation   | : Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice.    |
| First-aid measures after skin contact | : Wash skin with plenty of water.  |
| First-aid measures after eye contact  | : Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention. |
| First-aid measures after ingestion    | : Do not induce vomiting. Immediately call a POISON CENTER or doctor/physician.                              |

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

|                                      |  |
|--------------------------------------|--|
| Symptoms/injuries                    | : May cause drowsiness or dizziness.                       |
| Symptoms/injuries after inhalation   | : May cause respiratory irritation.                        |
| Symptoms/injuries after skin contact | : Contact during a long period may cause light irritation. |
| Symptoms/injuries after eye contact  | : Eye irritation.  |
| Symptoms/injuries after ingestion    | : Risk of lung oedema.                                     |

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

Treat symptomatically.

## SECTION 5: Fire-fighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO2), foam, water spray, powder.

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

|  |                                |
|--|--------------------------------|
| Fire hazard                                      | : Flammable liquid and vapour. |
| Hazardous decomposition products in case of fire | : Carbon monoxide. fume.       |

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### 5.3. Advice for firefighters

- Precautionary measures fire : Evacuate area.
- Firefighting instructions : Evacuate area. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

- General measures : No flames, no sparks. Eliminate all sources of ignition.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

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

- For containment : Collect spillage.
- Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
- Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid contact with skin and eyes. Avoid breathing vapours.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

- Technical measures : Ground/bond container and receiving equipment.
- Storage conditions : Store in a well-ventilated place. Keep cool. Protect from sunlight. Keep container tightly closed.
- Incompatible products : Oxidizing agent.
- Incompatible materials : Butyl rubber. Ethylene-Propylene rubber (EPDM) /. Natural rubber. Polystyrene.

### 7.3. Specific end use(s)

No additional information available

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

protective gloves

#### Eye protection:

Safety glasses

#### Skin and body protection:

Wear suitable protective clothing

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### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

### Environmental exposure controls:

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

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

|  |                       |
|--|-----------------------|
| Physical state                             | : Liquid              |
| Appearance                                 | : Clear.              |
| Colour                                     | : Colourless.         |
| Odour                                      | : aromatic.           |
| Odour threshold                            | : No data available   |
| pH   | : No data available   |
| Relative evaporation rate (butylacetate=1) | : No data available   |
| Melting point                              | : No data available   |
| Freezing point                             | : No data available   |
| Boiling point                              | : 140 °C              |
| Flash point                                | : > 65 °C             |
| Auto-ignition temperature                  | : 516                 |
| Decomposition temperature                  | : No data available   |
| Flammability (solid, gas)                  | : Not applicable      |
| Vapour pressure                            | : < 1 kPa             |
| Relative vapour density at 20 °C           | : No data available   |
| Relative density                           | : No data available   |
| Density                                    | : 0,8 - 0,85          |
| Solubility                                 | : Insoluble in water. |
| Log Pow                                    | : No data available   |
| Viscosity, kinematic                       | : No data available   |
| Viscosity, dynamic                         | : No data available   |
| Explosive properties                       | : No data available   |
| Oxidising properties                       | : No data available   |
| Explosive limits                           | : No data available   |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapour.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

None under normal conditions.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Oxidizing agent.

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                  |
|-----------------------------|------------------|
| Acute toxicity (oral)       | : Not classified |
| Acute toxicity (dermal)     | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

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| Kerosine : solvent naphta heavy aromatic |                                 |
|--|---------------------------------|
| LD50 oral rat                            | 3492 mg/m <sup>3</sup> OESO 401 |
| LD50 dermal rabbit                       | > 3160 mg/kg OESO 402           |
| LC50 inhalation rat (ppm)                | > 6193 ppm/4h OESO 403          |

|                                   |  |
|-----------------------------------|--|
| Skin corrosion/irritation         | : Not classified   |
| Serious eye damage/irritation     | : Causes serious eye irritation.                                       |
| Respiratory or skin sensitisation | : Not classified   |
| Germ cell mutagenicity            | : Not classified   |
| Carcinogenicity                   | : Not classified   |
| Reproductive toxicity             | : Not classified   |
| STOT-single exposure              | : May cause respiratory irritation. May cause drowsiness or dizziness. |
| STOT-repeated exposure            | : Not classified   |
| Aspiration hazard                 | : May be fatal if swallowed and enters airways.                        |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                          |  |
|--------------------------|--|
| Ecology - general        | : Toxic to aquatic life with long lasting effects. |
| Acute aquatic toxicity   | : Not classified                                   |
| Chronic aquatic toxicity | : Toxic to aquatic life with long lasting effects. |

| Kerosine : solvent naphta heavy aromatic |                                       |
|--|---------------------------------------|
| LC50 fish 1                              | 2 - 5 mg/l 96 h - Oncorhynchus mykiss |
| EC50 Daphnia 1                           | 3 - 10 mg/l 48 h - Daphnia magna      |

### 12.2. Persistence and degradability

| UNICLEAN BREAK/QUICK SPLIT CLEANER |   |
|------------------------------------|---|
| Persistence and degradability      | May cause long-term adverse effects in the environment. This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |

| Kerosine : solvent naphta heavy aromatic |                        |
|--|------------------------|
| Persistence and degradability            | Readily biodegradable. |

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                              |  |
|------------------------------|--|
| Regional legislation (waste) | : Disposal must be done according to official regulations. |
|------------------------------|--|

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

|               |        |
|---------------|--------|
| UN-No. (ADR)  | : 1268 |
| UN-No. (IMDG) | : 1268 |
| UN-No. (IATA) | : 1268 |
| UN-No. (ADN)  | : 1268 |
| UN-No. (RID)  | : 1268 |

### 14.2. UN proper shipping name

|                            |                                 |
|----------------------------|---------------------------------|
| Proper Shipping Name (ADR) | : PETROLEUM DISTILLATES, N.O.S. |
|----------------------------|---------------------------------|

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|                                       |   |
|---------------------------------------|---|
| Proper Shipping Name (IMDG)           | : PETROLEUM DISTILLATES, N.O.S.   |
| Proper Shipping Name (IATA)           | : Not applicable  |
| Proper Shipping Name (ADN)            | : PETROLEUM DISTILLATES, N.O.S.   |
| Proper Shipping Name (RID)            | : PETROLEUM DISTILLATES, N.O.S.   |
| Transport document description (ADR)  | : UN 1268 PETROLEUM DISTILLATES, N.O.S. (Solvent nafta), 3, III, (D/E), ENVIRONMENTALLY HAZARDOUS |
| Transport document description (IMDG) | : UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS       |
| Transport document description (IATA) | : UN 1268 , 3, ENVIRONMENTALLY HAZARDOUS  |
| Transport document description (ADN)  | : UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS                        |
| Transport document description (RID)  | : UN 1268 PETROLEUM DISTILLATES, N.O.S., 3, III, ENVIRONMENTALLY HAZARDOUS                        |

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 3  
 Danger labels (ADR) : 3



#### IMDG

Transport hazard class(es) (IMDG) : 3  
 Danger labels (IMDG) : 3



#### IATA

Transport hazard class(es) (IATA) : 3  
 :



#### ADN

Transport hazard class(es) (ADN) : 3  
 Danger labels (ADN) : 3



#### RID

Transport hazard class(es) (RID) : 3  
 Danger labels (RID) : 3



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### 14.4. Packing group


|                      |                  |
|----------------------|------------------|
| Packing group (ADR)  | : III            |
| Packing group (IMDG) | : III            |
| Packing group (IATA) | : Not applicable |
| Packing group (ADN)  | : III            |
| Packing group (RID)  | : III            |

### 14.5. Environmental hazards

|                               |  |
|-------------------------------|--|
| Dangerous for the environment | : Yes                                    |
| Marine pollutant              | : Yes                                    |
| Other information             | : No supplementary information available |

### 14.6. Special precautions for user

#### - Overland transport

|   |   |
|---|---|
| Classification code (ADR)                                 | : F1  |
| Special provisions (ADR)                                  | : 363   |
| Limited quantities (ADR)                                  | : 5I  |
| Excepted quantities (ADR)                                 | : E1  |
| Packing instructions (ADR)                                | : P001, IBC03, LP01, R001   |
| Mixed packing provisions (ADR)                            | : MP19  |
| Portable tank and bulk container instructions (ADR)       | : T4  |
| Portable tank and bulk container special provisions (ADR) | : TP1, TP29   |
| Tank code (ADR)   | : LGBF  |
| Vehicle for tank carriage                                 | : FL  |
| Transport category (ADR)                                  | : 3   |
| Special provisions for carriage - Packages (ADR)          | : V12   |
| Special provisions for carriage - Operation (ADR)         | : S2  |
| Hazard identification number (Kemler No.)                 | : 30  |
| Orange plates   | :  |
| Tunnel restriction code (ADR)                             | : D/E   |
| EAC code  | : 3YE   |

#### - Transport by sea

|                                    |                          |
|------------------------------------|--------------------------|
| Special provisions (IMDG)          | : 223, 363, 955          |
| Limited quantities (IMDG)          | : 5 L                    |
| Excepted quantities (IMDG)         | : E1                     |
| Packing instructions (IMDG)        | : P001, LP01             |
| IBC packing instructions (IMDG)    | : IBC03                  |
| Tank instructions (IMDG)           | : T4                     |
| Tank special provisions (IMDG)     | : TP1, TP29              |
| EmS-No. (Fire)                     | : F-E                    |
| EmS-No. (Spillage)                 | : S-E                    |
| Stowage category (IMDG)            | : A                      |
| Properties and observations (IMDG) | : Immiscible with water. |
| MFAG-No                            | : 128                    |

#### - Air transport

No data available

#### - Inland waterway transport

|                           |       |
|---------------------------|-------|
| Classification code (ADN) | : F1  |
| Special provisions (ADN)  | : 363 |
| Limited quantities (ADN)  | : 5 L |

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|                                   |             |
|-----------------------------------|-------------|
| Excepted quantities (ADN)         | : E1        |
| Carriage permitted (ADN)          | : T         |
| Equipment required (ADN)          | : PP, EX, A |
| Ventilation (ADN)                 | : VE01      |
| Number of blue cones/lights (ADN) | : 0         |

### - Rail transport

|   |                           |
|---|---------------------------|
| Classification code (RID)                                 | : F1                      |
| Special provisions (RID)                                  | : 363                     |
| Limited quantities (RID)                                  | : 5L                      |
| Excepted quantities (RID)                                 | : E1                      |
| Packing instructions (RID)                                | : P001, IBC03, LP01, R001 |
| Mixed packing provisions (RID)                            | : MP19                    |
| Portable tank and bulk container instructions (RID)       | : T4                      |
| Portable tank and bulk container special provisions (RID) | : TP1, TP29               |
| Tank codes for RID tanks (RID)                            | : LGBF                    |
| Transport category (RID)                                  | : 3                       |
| Special provisions for carriage – Packages (RID)          | : W12                     |
| Colis express (express parcels) (RID)                     | : CE4                     |
| Hazard identification number (RID)                        | : 30                      |

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

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

#### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions  
 Contains no substance on the REACH candidate list  
 Contains no REACH Annex XIV substances

#### 15.1.2. National regulations

##### Germany

|  |   |
|--|---|
| VwVwS Annex reference  | : Water hazard class (WGK) nwg, Non-hazardous to water (Classification according to VwVwS, Annex 4) |
| 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV | : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)                                  |

##### Netherlands

|   |                                     |
|---|-------------------------------------|
| SZW-lijst van kankerverwekkende stoffen   | : None of the components are listed |
| SZW-lijst van mutagene stoffen  | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding   | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid | : None of the components are listed |
| NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling   | : None of the components are listed |

##### Denmark

|                                   |   |
|-----------------------------------|---|
| Classification remarks            | : Emergency management guidelines for the storage of flammable liquids must be followed |
| Recommendations Danish Regulation | : Young people below the age of 18 years are not allowed to use the product             |

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Full text of R-, H- and EUH-statements:

|                   |   |
|-------------------|---|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2 |
|-------------------|---|



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|              |  |
|--------------|--|
| Asp. Tox. 1  | Aspiration hazard, Category 1  |
| Flam. Liq. 3 | Flammable liquids, Category 3  |
| STOT SE 3    | Specific target organ toxicity — Single exposure, Category 3, Narcosis   |
| STOT SE 3    | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation                                 |
| H226         | Flammable liquid and vapour  |
| H304         | May be fatal if swallowed and enters airways   |
| H319         | Causes serious eye irritation  |
| H335         | May cause respiratory irritation   |
| H336         | May cause drowsiness or dizziness  |
| H411         | Toxic to aquatic life with long lasting effects  |
| EUH066       | Repeated exposure may cause skin dryness or cracking   |
| R10          | Flammable  |
| ERC2         | Formulation of preparations  |
| PC35         | Washing and cleaning products (including solvent based products)   |
| PROC5        | Mixing or blending in batch processes for formulation of preparations and articles (multistage and/or significant contact) |
| SU3          | Industrial uses: Uses of substances as such or in preparations* at industrial sites  |

### SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*