

# DI OCTYL PHTHALATE

Part No. RXSOL-18-1149-025 — Generated 06 Oct 2026

## 1. Product and Company Identification

|              |                    |
|--------------|--------------------|
| Product Name | DI OCTYL PHTHALATE |
| Part Number  | RXSOL-18-1149-025  |

Company Details:

RX MARINE INTERNATIONAL  
105, A wing , BSEL , TECH PARK.  
VASHI ,NEW BOMBAY 400703 INDIA

Branch : Kandla, Mumbai , Chennai, Vizag, Kolkata, UAE , OMAN , CANADA and KENYA

|         |                                                          |
|---------|----------------------------------------------------------|
| Phone   | +91 22 20871200 - 1400                                   |
| Fax     | +91 22 27612100 ::AOH :0091 9821214367                   |
| Email   | <a href="mailto:mail@rxmarine.com">mail@rxmarine.com</a> |
| Website | <a href="http://www.rxmraine.com">www.rxmraine.com</a>   |

## 2. Composition / informationon ingredients

| Chemical Name                                                     | CAS      | EC number | Weight% | Formula                                        |
|-------------------------------------------------------------------|----------|-----------|---------|------------------------------------------------|
| Bis(2-ethylhexyl) phthalate Phthalic acid bis(2-ethylhexyl ester) | 117-81-7 | 204-211-0 | = 100 % | C <sub>24</sub> H <sub>38</sub> O <sub>4</sub> |

## 3. Hazards Identification

|                                                |                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signal Word                                    | Danger                                                                                                                                                                                                                                                                                                                                                                            |
| Hazard Statements                              | H360FD May damage fertility. May damage the unborn child.                                                                                                                                                                                                                                                                                                                         |
| P280 Wear protective gloves.P305 + P351 + P338 | P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P405 Store locked up. P501 Dispose of contents/ container to an approved waste disposal plant. |
| Precautionary statements                       | P280 - Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing                                                                                                                                                 |
| Response                                       | None                                                                                                                                                                                                                                                                                                                                                                              |
| Disposal                                       | P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.                                                                                                                                                                                         |
| Other hazards                                  | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Endocrine disrupting chemical(s)                                                                                                                                               |

## 4. First Aid Measures

|                |                                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------|
| General advice | Show this material safety data sheet to the doctor in attendance.                                  |
| If inhaled     | After inhalation: fresh air. Call in physician.                                                    |
| Eye Contact    | After eye contact: rinse out with plenty of water. Call in ophthalmologist. Remove contact lenses. |

|                                                                            |                                                                                                                                                                                                         |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Swallowed                                                                  | After swallowing: immediately make victim drink water (two glasses at most). Consult a physician.                                                                                                       |
| Skin Contact                                                               | In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water/ shower. Consult a physician.                                                                            |
| Inhalation                                                                 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Ingestion                                                                  | Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.                                                                                                              |
| Notes to Physician                                                         | Treat symptomatically                                                                                                                                                                                   |
| Most important symptoms and effects, both acute and delaye                 | The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11                                                                                     |
| Indication of any immediate medical attention and special treatment needed | No data available                                                                                                                                                                                       |

## 5. Fire-fighting Measures

|                                                       |                                                                                                                                                               |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Flammability                                          | May be combustible at high temperature.                                                                                                                       |
| Suitable extinguishing media                          | Foam Carbon dioxide (CO2) Dry powder                                                                                                                          |
| Unsuitable extinguishing media                        | For this substance/mixture no limitations of extinguishing agents are given.                                                                                  |
| Special hazards arising from the substance or mixture | For this substance/mixture no limitations of extinguishing agents are given.                                                                                  |
| Further information                                   | Prevent fire extinguishing water from contaminating surface water or the ground water system.                                                                 |
| Advice for firefighters                               | Stay in danger area only with self-contained breathing apparatus. Prevent skin contact by keeping a safe distance or by wearing suitable protective clothing. |
| Protective Equipment                                  | Use personal protective equipment.                                                                                                                            |
| Specific Hazards Arising from the Chemical            | Has a fire-promoting effect due to the release of oxygen.<br>Ambient fire may liberate hazardous vapours.                                                     |

## 6. Accidental Release Measures

|                                                                     |                                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal precautions, protective equipment and emergency procedures | Advice for non-emergency personnel: Do not breathe vapors, aerosols. Avoid substance contact. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert.                                                                                                                                   |
| Spillage                                                            | Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas dike if needed. Eliminate all ignition sources. Call for assistance on disposal. |
| Personal Protection                                                 | Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. Advice for emergency responders: Protective equipment see section 8.                                                                                                                          |
| Enviromental Precaution                                             | Do not let product enter drains.                                                                                                                                                                                                                                                                                                        |
| Reference other sections                                            | For disposal see section 13.                                                                                                                                                                                                                                                                                                            |
| Methods and materials for containment and cleaning up               | Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up carefully with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.                                                                                                      |

## 7. Handling and Storage

|                                                              |                                                                                                                                                    |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Advice on safe handling                                      | Work under hood. Do not inhale substance/mixture. Avoid generation of vapours/aerosols.                                                            |
| Advice on protection against fire and explosion              | Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharge.                            |
| Hygiene measures                                             | Immediately change contaminated clothing. Apply preventive skin protection. Wash hands and face after working with substance.                      |
| Technical measures                                           | Comply with applicable regulations.                                                                                                                |
| Precautions for safe handling                                | Do not breathe dust/fume/gas/mist/vapours/spray. Avoid breathing dust/fume/gas/mist/vapours/spray. Use only outdoors or in a well-ventilated area. |
| Conditions for safe storage, including any incompatibilities | Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.      |
| Storage conditions                                           | Tightly closed. Keep in a well-ventilated place. Keep locked up or in an area accessible only to qualified or authorized persons.                  |
| Storage class                                                | Storage class (TRGS 510): 6.1C: Combustible, acute toxic Cat.3 / toxic compounds or compounds which causing chronic effects                        |
| Specific end use(s)                                          | Apart from the uses mentioned in section 1.2 no other specific uses are stipulated                                                                 |
| Advice on general occupational hygiene                       | Advice on safe handling Observe label precautions. Change contaminated clothing. Wash hands after working with substance.                          |

## 8. Exposure controls and personal protection

|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Occupational Exposure limit values | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Biological limit values            | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Exposure controls                  | Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk elimination area                                                                                                                                                                                                                                                                                                                                                               |
| Engineering Control                | Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.                                                                                                                                                                                                                                                                                |
| Eye/face protection                | Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses                                                                                                                                                                                                                                                                                                                                                                           |
| Body Protection                    | protective clothing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Skin protection                    | Wear appropriate gloves to prevent skin exposure.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Respiratory protection             | required when vapours/aerosols are generated. Our recommendations on filtering respiratory protection are based on the following standards: DIN EN 143, DIN 14387 and other accompanying standards relating to the used respiratory protection system. Recommended Filter type: Filter type ABEK The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented. |
| Other Protection Measure           | Handle in accordance with good industrial hygiene and safety practice.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Thermal hazards                    | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## 9. Physical and chemical properties

|                |           |
|----------------|-----------|
| Physical state | Oily      |
| Colour         | Colorless |

|                                              |                                                       |
|----------------------------------------------|-------------------------------------------------------|
| Odour                                        | Odorless                                              |
| Odor Threshold                               | Not Applicable                                        |
| pH                                           | at 20 °C neutral                                      |
| Melting Point                                | -50 °C - lit.                                         |
| Boiling Point                                | 384 °C - lit.                                         |
| Flash Point                                  | 207 °C - closed cup                                   |
| Kinematic/ Dynamic Viscosity                 | 78,17 mm <sup>2</sup> /s at 20 °C -/81 mPa.s at 20 °C |
| Evaporation Rate                             | Not Applicable                                        |
| Flammability (solid, gas)                    | No data available                                     |
| Explosive limits                             | No Data Available                                     |
| Upper/lower flammability or explosive limits | 0,3 %(V)                                              |
| Autoignition temperature                     | 390,0 °C                                              |
| Decomposition temperature                    | No data available                                     |
| Vapour pressure                              | 1,6 hPa at 93,0 °C                                    |
| Density                                      | 0,985 g/cm <sup>3</sup> at 25 °C - lit.               |
| Relative density                             | No data available                                     |
| Vapour Density                               | No data available                                     |
| Specific Gravity                             | No data available                                     |
| Partition coefficient                        | No data available                                     |
| Explosive properties                         | None                                                  |
| Solubility                                   | Ca.0,086 g/l at 25 °C                                 |
| Ignition temperature                         | No information available.                             |
| Particle characteristics                     | No data available                                     |

## 10. Stability and reactivity

|                                    |                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | Forms explosive mixtures with air on intense heating. A range from approx. 15 Kelvin below the flash point is to be rated as critical. |
| Stability                          | The product is chemically stable under standard ambient conditions (room temperature) .                                                |
| Possibility of hazardous reactions | No data available                                                                                                                      |
| Conditions to avoid                | Strong heating.                                                                                                                        |
| Incompatible materials             | Strong oxidizing agents                                                                                                                |
| Hazardous decomposition products   | In the event of fire: see section 5                                                                                                    |

## 11. Toxicological information

|                           |                                                                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acute toxicity            | LD0 Oral - Rat - male and female - > 20.000 mg/kg (OECD Test Guideline 401) LC0 Inhalation - Rat - male and female - 4 h - > 10,62 mg/l - vapor (OECD Test Guideline 403) Remarks: (highest concentration to be prepared) LD50 Dermal - Rabbit - 19.800 mg/kg Remarks: (ECHA) |
| Skin corrosion/irritation | Skin - Rabbit Result: slight irritation - 4 h (OECD Test Guideline 404)                                                                                                                                                                                                       |

|                                                  |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Serious damage/eye irritation                    | eye | Eyes - Rabbit Result: No eye irritation - 72 h (OECD Test Guideline 405) .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Respiratory or skin sensitization                |     | Maximization Test - Guinea pig Result: negative (OECD Test Guideline 406) - Mouse Result: Does not cause respiratory sensitization. Remarks: (ECHA).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Serious damage/eye irritation                    | eye | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Toxicity to Animal                               |     | Not classified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Toxic Effects on Human                           |     | May cause damage to the following organs: upper respiratory tract. Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant, sensitizer), of ingestion, of inhalation (lung irritant, lung sensitizer).<br><br>Test Type: In vitro mammalian cell gene mutation test Test system: Mouse lymphoma test Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative Test Type: Ames test Test system: Salmonella typhimurium Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: Mutagenicity (mammal cell test): chromosome aberration. Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative Test Type: sister chromatid exchange assay Test system: Chinese hamster ovary cells Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 479 Result: negative Test Type: Micronucleus test Test system: Chinese hamster lung cells Metabolic activation: with and without metabolic activation Result: negative Remarks: (ECHA) Test Type: Chromosome aberration test Species: Rat Cell type: Bone marrow Application Route: Oral Method: OECD Test Guideline 475 Result: negative |
| Germ cell mutagenicity                           |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Carcinogenicity                                  |     | This product is or contains a component that has been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP, or EPA classification.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Reproductive toxicity                            |     | May damage the unborn child. May damage fertility.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specific target organ toxicity - single exposure |     | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Special Remarks on other Toxi Effects on Humans  |     | Acute Potential Health Effects: Skin: Causes skin irritation. May cause skin sensitization, an allergic reation, which becomes evident upon re-exposure to this material. Eyes: Causes eye irritation. Ingestion: Causes gastrointestinal (digestive) tract irritation with nausea, vomiting, and diarrhea. May be harmful if swallowed. Inhalation: Causes respiratory tract irritation. May cause chemical pneumonitis and pulmonary edema, inflammation, edema of bronchi and larynx. Chronic Potential Health Effects: Repeated or prolonged skin exposure may cause allergic reactions in sensitive individuals. Repeated or prolonged exposure by inhalation may affect respiration and metabolism.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Additional Information                           |     | Endocrine disrupting properties                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Endocrine disrupting properties                  |     | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.Repeated dose toxicity - Rat - male and female - NOAEL (No observed adverse effect level) - 6 mg/kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Aspiration hazard                                |     | No data available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## 12. Ecological information

|                               |                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Persistence and degradability | Biodegradability aerobic - Exposure time 29 d Result: 82 % - Readily biodegradable. (OECD Test Guideline 301B)                                                            |
| Toxicity to bacteria          | Static test NOEC - activated sludge - 1.000 mg/l - 3 h (OECD Test Guideline 209)                                                                                          |
| Bioaccumulative potential     | Bioaccumulation Oncorhynchus mykiss (rainbow trout) - 100 d - 0,014 mg/l(Bis(2-ethylhexyl) phthalate) Bioconcentration factor (BCF): 113 Remarks: Does not bioaccumulate. |

|                                                     |                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Toxicity to fish                                    | Flow-through test LC50 - Pimephales promelas (fathead minnow) - > 0,67 mg/l - 96 h (OECD Test Guideline 203) Remarks: (above the solubility limit in the test medium)                                                                                      |
| Toxicity to daphnia and other aquatic invertebrates | Immobilization EC50 - Daphnia magna (Water flea) - > 0,16 mg/l - 48 h Remarks: (ECOTOX Database)                                                                                                                                                           |
| Toxicity to algae                                   | EC50 - Pseudokirchneriella subcapitata - > 0,003 mg/l - 72 h (OECD Test Guideline 201)                                                                                                                                                                     |
| Eco Toxicity                                        | Not Available                                                                                                                                                                                                                                              |
| COD and BOD 5                                       | Not Available                                                                                                                                                                                                                                              |
| Products Biodegradation                             | The methods for determining the biological degradability are not applicable to inorganic substances.                                                                                                                                                       |
| Mobility in soil                                    | No additional information available                                                                                                                                                                                                                        |
| Results of PBT and vPvB assessment                  | This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.                                                         |
| Endocrine disrupting properties                     | The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher |
| Other adverse effects                               | No additional information available                                                                                                                                                                                                                        |

### 13. Disposal considerations

|                        |                                                                                                                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Disposal methods       | The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.                                                                           |
| Contaminated packaging | Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials. |
| Waste disposal         | Waste must be disposed of in accordance with federal, state and local environmental control regulations.                                                                                                                                                                                                                           |

### 14. Transport information

|                                                         |                                                  |       |       |
|---------------------------------------------------------|--------------------------------------------------|-------|-------|
| UN number                                               | ADR/RID:                                         | IMDG: | IATA: |
|                                                         | ADR/RID: Not dangerous goods                     |       |       |
| UN proper shipping name                                 | IMDG: Not dangerous goods                        |       |       |
|                                                         | IATA: Not dangerous goods                        |       |       |
| Transport hazard class(es)                              | ADR/RID:                                         | IMDG: | IATA: |
| ADR                                                     | Not regulated Exempt under special provision 62  |       |       |
| Packing group                                           | ADR/RID:                                         | IMDG: | IATA: |
| IATA                                                    | Not regulated Exempt under special provision A16 |       |       |
|                                                         | ADR/RID: no                                      |       |       |
| Environmental hazards                                   | IMDG Marine pollutant: no                        |       |       |
|                                                         | IATA: no                                         |       |       |
| Special precautions for user                            | No special precautions required                  |       |       |
| Maritime transport in bulk according to IMO instruments | Not applicable, packaged goods                   |       |       |

## 15. Regulatory information

|                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety, health and environmental regulations/legislation specific for the substance or mixture | EU-Regulations No REACH Annex XVII restrictions SODA LIME WITH INDICATOR AR is not on the REACH Candidate List SODA LIME WITH INDICATOR AR is not on the REACH Annex XIV List                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Safety, health and environmental regulations specific for the product in question              | This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| National legislation                                                                           | Germany 12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance) Denmark Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Authorisations and/or restrictions on use                                                      | REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Bis(2-ethylhexyl) phthalate This product contains a substance listed on Annex XIV of the REACH Regulation (EC) Nr. 1907/2006. Listed substance / Sunset Date : Bis(2-ethylhexyl) phthalate / 21.02.2015 After the sunset date the use of this substance requires either an authorization or can only be used for exempted uses, e.g. use in scientific research and development which includes routine analytics or use as intermediate. REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Bis(2-ethylhexyl) phthalate |
| Other regulations                                                                              | Observe work restrictions regarding maternity protection in accordance to Dir 92/85/EEC or stricter national regulations where applicable. Take note of Dir 94/33/EC on the protection of young people at work.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Chemical Safety Assessment                                                                     | For this product a chemical safety assessment was not carried out                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

## 16. Other information

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Other Information | <p>The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Rx Marine International has been advised of the possibility of such damages.</p> <p>DISCLAIMER OF LIABILITY :The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.</p> |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|