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# Technical Data Sheet
# RGN-8913

Revision Date: 25.05.2015



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| **1. Product Description** | |
| 1.01 | RGN-8913 is an environment friendly boiler cleaner. |
| **2. Typical Application** | |
| 2.01 | Separating fuel from water, cleaning fuel tanks on ships, sludge dissolver. |
| **3. Chemical Composition Description** | |
| 3.01 Product Name | RGN-8913 |
| 3.02 Base | Tarpenes ,emulgator, surfactants. |
| 3.03 C.A.S No. | 5989-27-5 |
| **4. Physical Properties** | |
| 4.01 Appearance | Clear orange / yellow liquid |
| 4.02 Density | 0.857 |
| 4.03 Flash point | 66ºC / 150.8ºF |
| 4.04 Boiling point | 61ºC /141.8 ºF |
| 4.05 pH | 6.5-7 |
| 4.06 Solubility | Insoluble in water |
| 4.07 Acidity | None |
| 4.08 Reaction Time | Several hours up to max 48 hours. |
| 4.09 Diluted | With water – no flash point. |
| **5. Handling & Storage** | |
| 5.01 Handling | Keep away from heat. |
| 5.02 Storage | Product should be stored in a dark, cool place |
| **6. Directions of use** | |
| 6.01 Function | RGN-8913 is an excellent environment friendly product for dissolving fuel, oils, crude oil and other contamination.<br>RGN-8913 is a solvent free, fuel dissolver that when mixed with emulsion causes the separation of the fuel from water, saves time and work and reduces costs.<br>RGN-8913 is suitable for cleaning fuel tanks on ships, all types of liquid fuel, black or white mixture. It can be used in containers of different materials, plastic or metal.<br>To apply RGN-8913 pump out the fuel, then sweep out the sludge by adding two parts of RGN-8913 to one part of sludge by volume, and leave for 24-48 hours to dissolve. Pump out into a slot tank.<br>Before applying RGN-8913 the tank has to be steamed (heated) and then the RGN-8913 should be applied by sprinklers. Apply 4 liters of RGN-8913 per 1000 liter tank capacity. Leave the material for 4 hours and wash with a spray gun with boiling water (Gernick).<br>Procedure should be repeated as required.<br>Separation of emulsion – in the slot tank the emulsion will start to separate immediately. After 4 to 24 hours the fuel can be pumped out and the clean water can be poured |

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| | into the sewage. In case of other contamination, remove to chemical waste depot. |
| 6.02 Heat | N / A |
| **7. Information Attention** | |
| 7.01 | Before use test on hidden surfaces to be sure the material does not attack the surface. |
| 7.02 | Be aware of reactive material in the area of usage as this could cause fermentation of material. In the event of this occurring, please ventilate the working area. |
| 7.03 | In the rare case of allergic symptoms (e.g. eye or skin irritation), it is recommended to work in a well-ventilated environment using protective gear. |
| **8. Data Range** | |
| 8.01 | The data contained are for typical value information.<br>Values are tested on a typical test method and are verified periodically.<br>Some of the information may be empirical. The information is for reference information only.<br>Please check before use. |
| **9. Note** | |
| 9.01 | The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, Rotal Improvement & Trade Ltd. specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of above-mentioned product. Rotal Improvement & Trade Ltd. specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits. |

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