

Dispersant Slickgone NS



Dasic Slickgone NS produced by Dasic International Ltd, is an effective marine dispersant designed for use in oil spill response. It promotes the natural breakdown of oil in marine environments by dispersing it into smaller droplets, making it easier for natural processes to biodegrade the oil. Slickgone NS meets regulatory standards in several key regions, including the UK, France, and Australia, and is suitable for various environmental conditions.

Key Facts

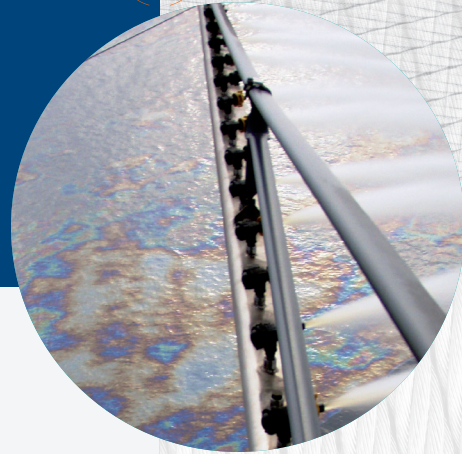
- Proven effectiveness with efficiency rates between 80% and 90% in some tests
- Approved for use in multiple regions, including the UK, France, and Australia
- Complies with the OPRC Convention, supporting global oil spill response standards
- Effective in diverse temperature ranges, maintaining high efficiency down to 0°C



Approvals

UK	Passes the LR448 standard, meeting the minimum 60% efficiency requirement
France	Approved under IFP standards with a minimum efficacy threshold of 60%
Australia	Complies with Mackay dispersant performance test requirements, requiring at least 50% effectiveness

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OSRL Members can access the Global Dispersant Stockpile and the UK Dispersant Stockpile through additional supplementary agreements.

Toxicity

Dasic Slickgone NS has been rigorously tested for toxicity to ensure minimal environmental impact:

- **Moderate to low toxicity:** Classified as slightly to moderately toxic, with tests showing it is significantly less toxic to marine life compared to oil alone when mixed.
- **France and Australia standards compliance:** Meets French toxicity standards by showing at least 10 times lower toxicity compared to the reference toxicant Noramium DA50 and complies with Australian ecotoxicity acceptability criteria for oil spill agents.
- **Environmental compatibility:** The toxicity levels of Slickgone NS in combination with oil do not exceed those of oil alone, maintaining safe operational standards.

Effectiveness

Dasic Slickgone NS has demonstrated robust oil dispersion capabilities under various laboratory test conditions:

- **Efficacy range:** Reported effectiveness of 80-90% in optimal conditions, with around 75% effectiveness in the “Q cut” on reference oil.
- **International compliance:** Passes multiple regulatory efficacy tests, including the UK LR448 and French IFP, with significant results confirming its suitability for oil spill response.
- **Cold water performance:** Effective in cold temperatures, achieving approximately 72% efficiency at 0°C, which broadens its applicability in colder climates.

Biodegradability

- **High biodegradability:** Slickgone NS meets French biodegradability standards, with over 50% breakdown in controlled testing environments.
- **Environmentally responsibility:** Formulated without persistent harmful compounds, Slickgone NS supports quicker environmental recovery post-application.
- **Encourages natural degradation:** The composition of Slickgone NS aids in the natural breakdown of oil droplets, minimising long-term environmental impact and supporting marine ecosystem health.