

Dispersant technical information sheets – conveying multifaceted toxicity and effectiveness data

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Dispersant approval requirements outline:

- **which** dispersants are listed for potential use
- **how** dispersants can be added to an approved list by meeting requirements of specified laboratory-based tests.

Tests are designed to screen out *less* effective dispersants and to provide *toxicity* data for the purpose of comparison and not for an assessment of actual impacts in real world conditions where mixing and environmental exposures would likely be very different, e.g. more mixing and less exposure.

OSRL manage global dispersant stockpiles of:

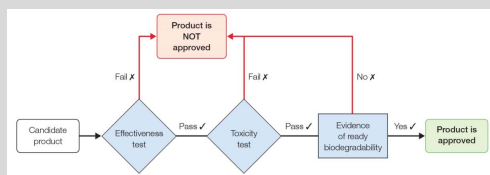
- Corexit® EC 9500A
- Finasol® OSR52
- Dasic Slickgone® NS

Selection is based on:

- low toxicity
- high effectiveness
- broad regulatory approvals



Additional guidance available in:
IPIECA –IOGP JIP Report (2014)
Regulatory approval of dispersant products and authorisation of their use



<http://www.oilspillresponseproject.org>

Effectiveness

- Requirements
- Country specific data
- Test results

Dasic Slickgone NS (Dispersant, Synthetic and biodegradable)

Effectiveness

| UK | USA | FRANCE | AUSTRALIA |
|------|------|--------|-----------|
| >80% | >45% | >50% | >50% |

Toxicity

UK: 2.0 (Low)
USA: 2.0 (Low)
FRANCE: 2.0 (Low)
AUSTRALIA: 2.0 (Low)

Toxicity

- Requirements
- Relative toxicity data
- Test results
- Species data

Corexit EC 9500A (Dispersant, Synthetic and biodegradable)

Toxicity

| UK | USA | FRANCE |
|-----------|-----------|-----------|
| 2.0 (Low) | 2.0 (Low) | 2.0 (Low) |

Biodegradability

UK: 2.0 (Low)
USA: 2.0 (Low)
FRANCE: 2.0 (Low)

Free downloads available: <https://www.oilspillresponse.com/technical-library/geeva.varghese@oilspillresponse.com>
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