

### COMPONENTS

ECOPOL 3 PREMIUM is a FLUORINE FREE synthetic AR foam concentrate.

▲ Surfactants	5-15%
▲ Bio Polymers	< 2%
▲ Glycol compounds	10-20%
▲ Preservative	< 0.1%
▲ Water	Up to 100% weight

ECOPOL 3 PREMIUM is totally free of phenol, chlorinated or brominated compounds and heavy metals.  
ECOPOL 3 PREMIUM is totally fluorine-free (including PFC, PFOA, PFOS, C6...).

### BIODEGRADABILITY

The following tests are realized for a solution of ECOPOL 3 PREMIUM at 3%:

▲ COD = 15960mg O <sub>2</sub> / l	OCDE-301f
▲ BOD <sub>5</sub> = 8700 mg O <sub>2</sub> / l	OCDE-301f
▲ BOB <sub>10</sub> = 11350 mg O <sub>2</sub> / l	OCDE-301f
▲ Biodegradability = 95% at 5 days	OCDE-301f

ECOPOL 3 PREMIUM is classified as readily biodegradable.

### ECOTOXICITY

The acute ecotoxicity of ECOPOL 3 PREMIUM à 3% confirms the very low level of toxicity upon aquatic life.

▲ LC <sub>50</sub> (96 hr) = 70000 mg / l (danio rerio)	OCDE 203
▲ EC <sub>50</sub> (48 hr) = 76660 mg / l (daphnia magna)	OCDE 202
▲ IC <sub>50</sub> (72 hr) = 11000 mg / l (scenedesmus subspicatus)	OCDE 201

ECOPOL 3 PREMIUM does not contain any substance which could bioaccumulate.

### TOXICOLOGY

ECOPOL 3 PREMIUM has the following acute toxicity values :

▲ Oral toxicity	DL <sub>50</sub> > 2000 mg / kg (oral, rat)	OCDE 420
▲ Dermal irritation	0 (lapin)	OCDE 404
▲ Eye irritation	0 (lapin)	OCDE 405

ECOPOL3 PREMIUM is classified as not irritant for skin and eyes.

ECOPOL 3 PREMIUM is not expected to be toxic by ingestion.

### EFFLUENTS

ECOPOL 3 PREMIUM can be released via the sewerage system into water treatment plants ensuring that the foam solution is diluted with waste water to avoid a foaming effect.

ECOPOL 3 PREMIUM is readily biodegradable and free of any toxic substance for health or environment. As for any chemicals, ECOPOL 3 PREMIUM water solutions should not be released into river in big quantities.