

A close-up photograph of a marine-grade DEF (AUS 40) hose system. The hose is black, flexible, and has a corrugated texture. It is connected to a blue metal reel and a blue metal fitting. The background shows a green metal structure and a red circular component. The text "Marine Grade DEF (AUS 40)." is overlaid in large white letters.

# Marine Grade DEF (AUS 40).

For more information, visit [bioblue.com.au](https://bioblue.com.au)

**BioBlue**

# AUS 40 delivered by BioBlue.

---

## Your trusted supplier of Marine Grade Diesel Exhaust Fluid (AUS 40/SCR 40).

At BioBlue, we combine years of expertise in DEF manufacturing with unwavering commitment to quality and customer satisfaction. Our Marine Grade DEF, also known as AUS 40 (Aqueous Urea Solution 40%) or UREA SCR 40, is produced according to ISO 18611 quality management standards, ensuring reliability and performance.

With a reputation built on quality, reliability, and customer service, BioBlue is the partner you can count on for consistent, high-quality AUS 40 supply, helping your business stay ahead of environmental regulations while maximising efficiency.

---

## Why choose BioBlue AUS40?



### ISO 18611 Compliant

We're experienced in quality management for DEF, producing AUS 40 compliant with ISO 18611 quality standards.



### Small or Large

We supply AUS 40 in both bulk quantities and container sizes, offering flexible solutions to meet your needs.



### National Capabilities

BioBlue is equipped to service ports across Australia, ensuring seamless AUS 40 supply to marine operations nationwide.





# What is AUS 40?

---

## Marine Grade DEF for maritime and stationary applications.

### Introducing AUS 40

AUS 40 is a premium Diesel Exhaust Fluid (DEF) designed specifically for marine and stationary engines equipped with Selective Catalytic Reduction (SCR) systems. With its 40% urea concentration, AUS 40 delivers superior NOx emissions reduction, helping operators comply with environmental standards like IMO Tier III regulations. Whether you're running industrial generators or marine vessels, AUS 40 ensures optimal SCR performance, enhanced operational efficiency, and reliable compliance with emission laws.

### Key Features

#### Composition

AUS 40 is a 40% aqueous urea solution (40% urea, 60% deionized water). The higher urea content compared to AUS 32 (AdBlue®) is suitable for applications requiring more intensive NOx reduction.

#### Applications

- **Marine Engines:** Compliance with International Maritime Organization (IMO) NOx emission standards for vessels that utilize Selective Catalytic Reduction (SCR) technology.
- **Stationary Engines:** Generators and industrial engines fitted with SCR technology.

### Quality Assurance

AUS 40 is produced against ISO 18611 standards, ensuring consistent quality, purity, and performance.

---

## AUS 40 Supply Australia Wide

BioBlue is prepared to service ports and stationary AUS 40 operations across Australia, delivering AUS 40 reliably and efficiently nationwide.

- **Robust logistics network offering bulk AUS40 deliveries directly to ports.**
- **Dedicated bulk tankers compatible with Aqueous Urea Solutions including AUS40.**



# Marine Grade DEF (AUS 40).

## Product Information Sheet

**Aqueous Urea Solution 40% (AUS 40) also known as UREA SCR 40 or Marine Grade Diesel Exhaust Fluid (DEF).**

AUS 40 is a high-grade Diesel Exhaust Fluid (DEF) specifically formulated for use in marine and stationary applications that utilize Selective Catalytic Reduction (SCR) technology. In SCR-fitted diesel engines, the ammonia in AUS 40 reacts with Nitrogen Oxides (NOx) in exhaust systems, converting harmful emissions to harmless nitrogen gas and water. It is designed to reduce these harmful nitrogen oxide (NOx) emissions, helping engines meet stringent environmental regulations.

**Demineralised Water 60.0%**



**Technical Grade Urea 40.0%**

## How to use AUS 40



AUS 40 must **not** be used in on-road vehicles, which require AUS 32 (AdBlue®).



Never use AUS 40 contaminated with water, or any foreign substances.



Keep AUS 40 dispensing equipment clean and free of dust, dirt or grime.



Rinse AUS 40 spills with water to avoid slipping hazards or surface corrosion.



Store AUS 40 in a cool place away from direct sunlight.

## AUS 40 FAQs

### Is BioBlue AUS 40 third-party tested?

Yes! BioBlue AUS 40 complies with all batch-traceability requirements including independent laboratory batch testing against ISO 18611 quality standards.

### Where is AUS 40 used?

AUS 40 is used for emissions reduction in maritime applications and in some stationary engines such as generators and industrial engines.

### How much AUS 40 do I need?

Typical AUS 40 use is 5% of engine fuel consumption. Therefore, approximately 5L of AUS 40 is required per 100L of diesel.

### How should I store AUS 40?

AUS 40 should be stored in cool conditions and away from direct sunlight to preserve chemical integrity. AUS 40 has an expiry date approximately 12 months from manufacturing. Refer to Safety Data Sheet.

### Is AUS 40 toxic?

AUS 40 is a non-toxic, non-hazardous, non-Dangerous Goods, and biodegradable solution. Rinse skin thoroughly on contact. While not poisonous, if consumed by accident contact a Doctor immediately.

For more information refer to the BioBlue **AUS 40 Safety Data Sheet**