

# HAMMERSLEY HiValue Chemical Solutions™

## Benefits for Mining and Industrial Maintenance

### CONTENTS

- 1 Superior Performance with OH&S and Environmental Compliance
- 2 NSW Mine Excavator Fire Highlights Risks of Flammable Degreasers
- 3 Solving the Problem of Toxic Lubricants
- 4 A complete product Range for Mining and Industrial Maintenance

### 1 Superior Performance with OH&S and Environmental Compliance

**HAMMERSLEY HiValue Chemical Solutions™ for Mining and Industrial Maintenance**  
**Superior Performance + Non-flammable + Non-toxic + Biodegradable = High Value for Money**

Many chemical solvents widely used in mining and industrial maintenance are

**✗ Toxic ✗ Flammable ✗ Harmful to the Environment**

If in doubt read the mandatory warnings on the containers [albeit in fine print]

**Hammersley research** over the last decade has focussed on development of renewable plant based technologies to replace the flammable, toxic and environmentally damaging petroleum hydrocarbon solvents used in mining and industry maintenance.

**✓ Superior Performance ✓ Non-toxic ✓ Non-flammable ✓ biodegradable**

Brian Mclean is a Research Chemist and has been the Director of Technical Services for the Hammersley Group of companies since its inception in 1972. “Hammersley’s focus has been on Mining and Heavy Industry, dedicating our resources to research and development to improve the products available to the market. We’ve made it our business to know this sector well with the clear goal of providing the best and safest possible products that are properly suited to the tasks they are required to perform and always with the environment in mind.” Australian Mine Safety Journal | April 2022

Hammersley’s ‘strive for excellence’ philosophy extends from functionality to the health and safety of users and the environment. In the manufacture and supply of all products, Hammersley address OH&S and Environmental legislative requirements.

Hammersley’s biodegradability standards exceed that of the National Health & Medical Research Council. The use of natural materials, wherever possible, with the assistance of cutting-edge technology is an integral and ongoing part of Hammersley’s ESG mandate.

Our Headquarters and Manufacturing Plant is based in Kooragang NSW, boasting ready access to high-quality road, rail, air and sea service, providing fast and convenient links to major industrial centres both domestically and abroad.

Hammersley is focused on the importance clients place on the speed of delivery, and with all our products manufactured on-site, it ensures that orders are despatched promptly without delay.



[www.hammersley.com.au](http://www.hammersley.com.au)

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## Benefits for Mining and Industrial Maintenance

### 2 NSW Mine Excavator Fire Highlights Risks of Flammable Degreasers

An excavator operator in a NSW open cut coal mine noticed excess oil building up on top of the stairs and engine compartment of the excavator. Fitters attended to degrease the oil spill which occurred from a failed hose.

The fitters applied degreaser on the roof of the engine compartment to clean up the excess oil. However, the degreaser dripped through the floor to the engine room below falling onto a hot exhaust manifold and starting a fire. The fitters evacuated the vehicle and triggered the fire suppression system. No injuries were reported.

In the Incident Summary Report of 10 May 2024, the NSW Resources Regulator advised the mining industry. "Where products such as cleaners and degreasers are used near hot engine components, the ignition point should be assessed and compared with surface temperatures to manage the risk of fires.

**When selecting products, higher ignition point products should be used."**

#### HAMMERSLEY SOLUTION

**DETAR** Heavy Duty Degreaser concentrate sets a new standard in effectiveness, safety and environmental care. DETAR is a plant based formula made from 100% renewable resources containing NO petroleum ingredients. This powerful non-flammable formula penetrates the heaviest deposits [including blackjack, tar and asphalt] quickly and efficiently.



#### WORKSPACE SAFETY & ENVIRONMENTAL BENEFITS

- ✓ Non-hazardous
- ✓ Non-toxic
- ✓ Non-flammable
- ✓ Safe for confined spaces including underground mining
- ✓ Biodegradable with no hazardous environmental solutions

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## Benefits for Mining and Industrial Maintenance

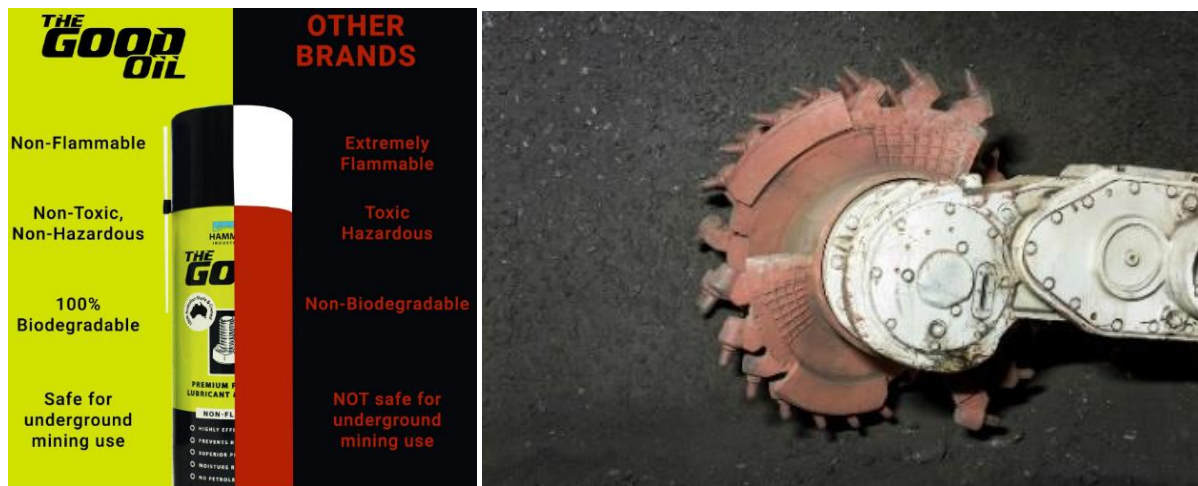
### 3 Solving the Problem of Toxic Lubricants

The harmful effects of toxic lubricants go beyond just the financial cost of repairs and downtime. They can also have a significant impact on the lifespan of equipment, pose serious hazards to workers in the form of skin irritation and respiratory issues, and contaminate soil and water sources.

“Most lubricants should be handled with care and proper personal protective equipment (PPE). The base oils and additives that make up lubricants not only can have catastrophic effects on the environment, but they can also be toxic to your health.” *What You Should Know About Lubricant Toxicity* Michael C. Brown, Noria Corporation in Machinery Lubrication Magazine [www.machinerylubrication.com](http://www.machinerylubrication.com)

#### THE HAMMERSLEY SOLUTION – The GOOD OIL

The Hammersley solution addresses all of these workplace health and safety concerns whilst delivering superior penetration and lubrication.



The Good Oil is a high-quality lubricant that provides unparalleled penetration and lubrication while also being safe for both workers and the environment. Made from renewable resources, it is biodegradable and non-toxic, meaning that it won't harm the environment or pose any health risks to workers.

By switching to The Good Oil, companies can ensure that their equipment lasts longer, their workers are safe, and the environment is protected.

# HAMMERSLEY HiValue Chemical Solutions™

## Benefits for Mining and Industrial Maintenance

### 4 A Complete Product Range for Mining and Industrial Maintenance

#### Maintenance Cleaning and Heavy Duty Degreasing

- **DETAR** - Heavy Duty Degreaser Concentrate
- **HYDROSOLV** – Bio Degradable Degreaser and Hard Surface Cleaner
- **THE GOOD OIL** - Premium Penetrating Lubricant and Protectant
- **NONFLAM CONTACT CLEANER** - Aerosol
- **QD CONTACT CLEANER** - Aerosol
- **BRAKE & PARTS CLEANER** – Flammable and Non Flammable
- **RIM GOLD** – Rim Seal and Wheel Protection
- **MINE KLEAN** Glass Cleaner
- **AQUATRON** – Heavy Duty Water Based Degreaser
- **DC 186 Degreaser** – Powerful Degreaser Concentrate

#### Electrical Maintenance

- **NS14** - Electrical Safety Solvent
- **NS 22** - Dewatering Safety Solvent
- **NS 25** - Non Chlorinated Cleaning and Electrical Solvent
- **NS 36** - Non Chlorinated Cleaning and Electrical Solvent
- **PENETRAX** - Penetrating Lubricant and Moisture Dispersant

#### Lubrication

- **PENETRAX** - Penetrating Lubricant & Moisture Dispersant
- **Engine Oil Treatment**

#### Rust and Corrosion Protection

- **CORRONIL** – Corrosion Prevention under short and long term storage
- **CORRONIL RS50** – Rust & Corrosion Protection for long term protection of mining equipment and plant

#### Dust Suppression

- **DUSTAT** – Surface Infrastructure Residual and Cumulative Dust Control
- **CF211** – Underground Mining

#### Facilities Maintenance and Personal Care

- Complete Personal Care, Kitchen, Toilet and Bathhouse Bulk and Small Pack Range

**Bede Boyle** BE Mech. UNSW

Mining and Industrial Maintenance

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