

# Pilbara TOUGH



## FORMULATED FOR THE WORLD'S TOUGHEST CONDITIONS



**Exceptional results** on the toughest cleaning contaminates.



A better clean enables more efficient & **faster inspection and maintenance.**



**Our products do most of the work!** No scrubbing and easier, faster application.



**Huge savings!** 75% reduction time for extreme cleaning & degreasing.

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

By

 **CHALLENGE**  
CHEMICALS



**BEFORE**



**AFTER**



**BEFORE**



**AFTER**



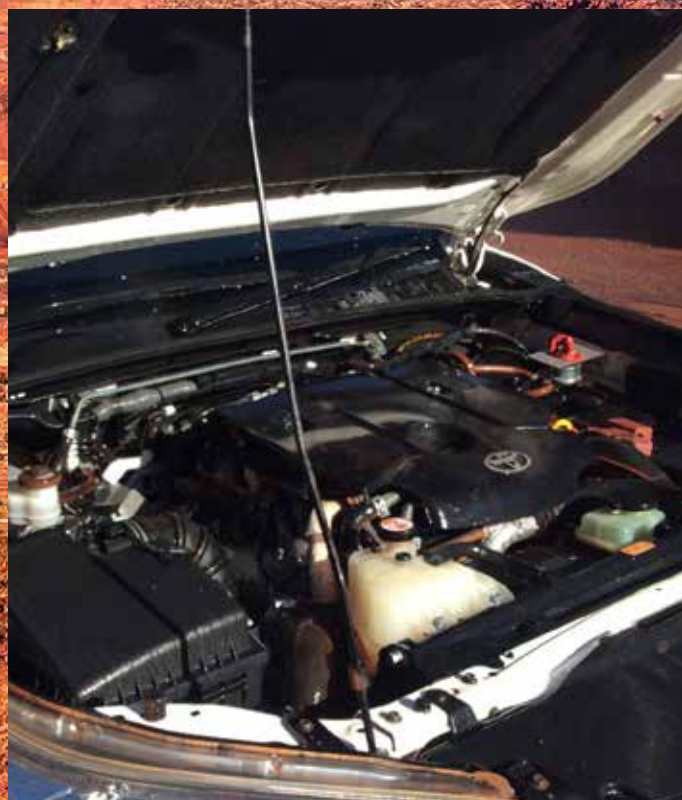
**BEFORE**



**AFTER**



**BEFORE**



**AFTER**

# WHITE HOT

## Concentrated heavy duty remover of mineral salts and red dirt staining

Formulated for removal of the heaviest red dirt staining from painted surfaces. Removes staining quickly and effectively leaving a smooth chemically polished surface.

- ✓ Our best and strongest red dirt staining remover
- ✓ Heavily reduces cleaning times
- ✓ No scrubbing! Product does all the work
- ✓ Polishes and restores oxidised painted surfaces
- ✓ Proven results even in our harshest conditions
- ✓ Concentrated formula

### Red Dirt Removal



### Environmental Rating



### User Safety Rating



### Quick Break Properties



### DILUTIONS

- Heavy Staining—Mix 1 part WHITE HOT to 1 part water.
- Light Staining—Mix 1 part WHITE HOT to 2 parts water.

### DIRECTIONS

1. Apply with a low pressure spray working in small sections
2. Allow 2-3 minutes contact time. Do NOT allow to dry.
3. Agitate if severe staining
4. Pressure wash off
5. Use WHITE HOT in-between washes to maintain stain free surfaces

Discuss with Challenge Chemicals representative for the best dispensing options.

### WARNING

Avoid skin and eye contact.

### PACKAGING

5L/25L/200L/1000L

# WHITE HOT RTU

## Ready to use heavy duty remover of mineral salts and red dirt staining

Formulated for removal of the heaviest red dirt staining from painted surfaces. Removes staining quickly and effectively leaving a smooth chemically polished surface.

- ✓ Our best and strongest red dirt staining remover
- ✓ Heavily reduces cleaning times
- ✓ No scrubbing! Product does all the work
- ✓ Polishes and restores oxidised painted surfaces
- ✓ Proven results even in our harshest conditions
- ✓ Ready to use formulation

### Red Dirt Removal



### Environmental Rating



### User Safety Rating



### Quick Break Properties



### DILUTIONS

Ready to use. Use neat.

### DIRECTIONS

1. Apply with a low pressure spray working in small sections
2. Allow 2-3 minutes contact time. Do NOT allow to dry.
3. Agitate if severe staining
4. Pressure wash off
5. Use WHITE HOT in-between washes to maintain stain free surfaces

Discuss with a Challenge Chemicals representative for the best dispensing options.

### WARNING

Avoid skin and eye contact.

### PACKAGING

25L/200L/1000L



# GALAXY



## Environmentally safe, super-concentrated, multi-purpose, heavy-duty degreaser and cleaner

GALAXY is a super concentrated heavy-duty (HD) degreaser for fast effective results in heavy degreasing and organic contaminants removal. Formulated for extreme conditions and cleaning.

**Independently assessed and determined to be non-hazardous to the environment<sup>1</sup>.**

### PERFORMANCE BENEFITS

- ✓ Exceptional degreasing power
- ✓ Red dirt removal capabilities
- ✓ Multi-Purpose cleaner for removal of HD organics build-ups
- ✓ HD formulation reduces cleaning times
- ✓ Concentrated solution – 1L makes 9L of RTU product
- ✓ Can dry on the surface. Re-activated by water once dried on the surface. Ideal for use in extreme and hot conditions.

**Foaming dispensing equipment available to enhance product dilution and application, reduce waste, and enable fast, effective, and simple use.**

### ECOLOGICAL BENEFITS

- ✓ Galaxy has been determined to have low aquatic toxicity, does not persist in the environment, and has a low potential to bioaccumulate in organisms in accordance with GHS<sup>2</sup> criteria.
- ✓ All surfactants used in the Galaxy formulation are readily biodegradable.
- ✓ Galaxy is formulated as a super concentrated<sup>3</sup> product, with 1L of Galaxy making 9L of a ready-to-use HD degreaser and cleaner.
- ✓ Primary packaging comprises recyclable HDPE (25L) and reusable (200L, 1000L) IBC containers, thereby minimising packaging waste.

**Full independent report available on request.**

#### Degreasing Strength



#### Red Dirt Removal



#### Environmental Rating



#### User Safety Rating



#### Quick Break Properties



#### DILUTIONS

- Plant / Machinery / Workshop Floors Degreasing and Heavy Duty Cleaning – 1:8 parts water
- Timber Cleaning / Timber Oil Removal – 1:8 parts water
- Metal and Paint De-oxidising – 1:8 part water
- Commercial Kitchens / Abattoirs Heavy Degreasing – 1:5

#### DIRECTIONS

1. Apply with low pressure spray or former
  2. Apply on a dry surface
  3. Allow 10 mins dwell time
  4. Pressure wash or hose off
- Discuss with Challenge Chemicals Representative for best Dispensing Options.

<sup>1</sup> Davoren Environmental Pty Ltd, 2022. Report on the Environmental Hazard Assessment of Galaxy and Galaxy RTU.

<sup>2</sup> Globally Harmonised System of Classification and Labelling of Chemicals

<sup>3</sup> Concentrated products have a lower impact on the environment since they reduce the volume of packaging required and the volume of product being transported, translating to savings in fuel and greenhouse gas emissions



# GALAXY RTU



## Environmentally safe ready to use, multi-purpose HD degreaser and cleaner

A ready to use HD degreaser for fast effective results in heavy degreasing and organic contaminants removal. Formulated for extreme conditions and cleaning.

**Independently assessed and determined to be non-hazardous to the environment<sup>1</sup>.**

### PERFORMANCE BENEFITS

- ✓ Exceptional degreasing power
- ✓ Red dirt removal capabilities
- ✓ Multi-Purpose cleaner for removal of HD organics build-ups
- ✓ HD formulation reduces cleaning times
- ✓ Easy ready to use solution
- ✓ Can dry on the surface. Re-activated by water once dried on the surface. Ideal for use in extreme and hot conditions.

### ECOLOGICAL BENEFITS

- ✓ GALAXY RTU has been determined to have low aquatic toxicity, does not persist in the environment, and has a low potential to bioaccumulate in organisms in accordance with GHS<sup>2</sup> criteria.
- ✓ All surfactants used in the GALAXY RTU formulation are readily biodegradable.
- ✓ Primary packaging comprises reusable (200 L, 1000L) IBC containers, thereby minimising packaging waste.

**Foaming dispensing equipment available to enhance product dilution and application, reduce waste, and enable fast, effective, and simple use.**

**Full independent report available on request.**

#### Degreasing Strength



#### Red Dirt Removal



#### Environmental Rating



#### User Safety Rating



#### Quick Break Properties



#### DILUTIONS

Ready to use. Use Neat.

#### WARNING

Avoid skin and eye contact. Wear rubber gloves and eye protection when using this product.

#### PACKAGING

25L / 200L / 1000L

#### DIRECTIONS

1. Apply with low pressure spray or former
2. Apply on a dry surface
3. Allow 10 mins dwell time
4. Pressure wash or hose off

Discuss with Challenge Chemicals Representative for best Dispensing Options.

1 Davoren Environmental Pty Ltd, 2022. Report on the Environmental Hazard Assessment of Galaxy and Galaxy RTU.

2 Globally Harmonised System of Classification and Labelling of Chemicals

# TOUGH STAINS A TOUGHER OP





**NEED  
PONENT**

**Pilbara  
TOUGH**



# PREDATOR



## Premium biodegradable, quick break, multi purpose degreaser and truckwash

Predator is a multi purpose cleaner, truck wash and degreaser in one. Predator is water based, biodegradable, pH neutral, non corrosive, non toxic concentrated liquid making it a safe and effective product to use on any hard surface. Predator is a premium product ideal for use in hard water areas for the removal of grease, grime, oil film, fuel exhaust, soot, bugs and red dirt giving a streak free finish.

- ✓ pH neutral and biodegradable
- ✓ Non caustic and non corrosive
- ✓ Powerful yet safe on all hard surfaces
- ✓ Effective in hard water areas
- ✓ Red dirt removal capabilities
- ✓ Super concentrated for an economical wash
- ✓ Safe to use in any environment
- ✓ Streak free formula

### Degreasing Strength



### Red Dirt Removal



### Environmental Rating



### User Safety Rating



### Quick Break Properties



### DILUTIONS

Truckwash & Degreaser – 1 part PREDATOR to 10 parts water.

### DIRECTIONS

PREDATOR can be used hot or cold, brushed on, in pressure washers or in automatic truck wash bays. Enquire about our CLEANSAFE Dispensing Systems for safe, economical dispensing.

### PACKAGING

PREDATOR is available in 5L, 25L, 200L and 1000L containers



# LITTLE RIPPER

## Super concentrated, multi-purpose cleaner and safety degreaser

Formulated to be a safe concentrated, biodegradable, multi purpose, heavy duty cleaner and degreaser. Its a non flammable, non corrosive, safety degreaser that can be used on most surfaces. As well as having outstanding degreasing properties, LITTLE RIPPER provides exception power for the removal of organic contaminates and soils. It is also low rinse and leaves no surface residue. LITTLE RIPPER being a concentrated, heavy duty cleaner can save on freight and storage costs.

- ✓ Heavy duty mining and industrial degreaser
- ✓ Automotive detailing both exterior and interior
- ✓ Plant, machine and automotive degreasing
- ✓ Diluted used as a truck wash
- ✓ Excellent for the removal of red dirt staining
- ✓ General purpose heavy duty spray and wipe cleaning, suitable for leather, vinyl, carpet

### Degreasing Strength



### Red Dirt Removal



### Environmental Rating



### User Safety Rating



### Quick Break Properties



### DILUTIONS

- Heavy duty Degreasing - 1:5
- Spray and wipe cleaning - 1:5
- Red Dirt Removal - 1:5
- Truck Wash - 1:20

### DIRECTIONS

PLEASE NOTE: For most effective use, foam on using our CLEANSAFE DISPENSING SYSTEMS

For Heavy Duty Cleaning and Degreasing:

1. Spray, foam or brush on.
2. Allow 5 to 10 mins contact time
3. High pressure off or rinse off with fresh water.

### PACKAGING

LITTLE RIPPER is available in 25L, 200L and 1000L IBC containers.



# POWER FOAM

## Environmentally safe ready to use, high foaming, multi-purpose HD degreaser and cleaner

A ready to use, high foaming, HD degreaser for fast effective results in heavy degreasing and organic contaminants removal. Formulated for extreme conditions and cleaning.



**Independently assessed and determined to be non-hazardous to the environment<sup>1</sup>.**

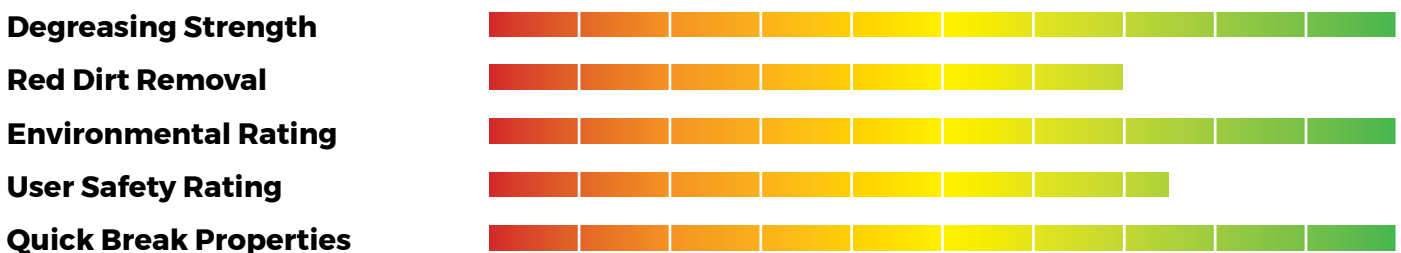
### PERFORMANCE BENEFITS

- ✓ Exceptional degreasing power
- ✓ Red dirt removal capabilities
- ✓ Multi-Purpose cleaner for removal of HD organics build-ups
- ✓ HD formulation reduces cleaning times
- ✓ Easy ready to use solution
- ✓ Can dry on the surface. Re-activated by water once dried on the surface. Ideal for use in extreme and hot conditions.

### ECOLOGICAL BENEFITS

- ✓ Power Foam has been determined to have low aquatic toxicity, does not persist in the environment, and has a low potential to bioaccumulate in organisms in accordance with GHS<sup>2</sup> criteria.
- ✓ All surfactants used in the Power Foam formulation are readily biodegradable.
- ✓ Primary packaging comprises reusable (200 L, 1000L) IBC containers, thereby minimising packaging waste.

**Foaming dispensing equipment available to enhance product dilution and application, reduce waste, and enable fast, effective, and simple use.**



#### DILUTIONS

Use neat through our "Cleansafe Dispensing Systems"

#### PACKAGING

POWER FOAM is available in 200 and 1000 IBC containers.

#### DIRECTIONS

For Heavy Duty Cleaning and Degreasing:

1. Spray, foam or brush on.
2. Allow 5 to 10 mins contact time
3. High pressure off or rinse off with fresh water.

Discuss with Challenge Chemicals Representative for best Dispensing Options.

1 Davoren Environmental Pty Ltd, 2022. Report on the Environmental Hazard Assessment of Power Foam.

2 Globally Harmonised System of Classification and Labelling of Chemicals



# ECOWASH

## Biodegradable, heavy duty, ready to use, safety degreaser

Challenge Chemicals Australia have formulated ECOWASH to be a safe, biodegradable, multi purpose, heavy duty cleaner and degreaser. Its a non flammable, non corrosive, safety degreaser that ideally used for the degreasing and maintenance of heavy equipment on wash pads and within the workshop.

- ✓ Heavy duty industrial degreaser and organics cleaner
- ✓ Readily biodegradable
- ✓ Contains no phosphates
- ✓ Extreme quick break properties
- ✓ Ideally compatible for oil/water separating systems
- ✓ Perfect for all mining operations
- ✓ Excellent for carbon and organic salts removal like red dirt
- ✓ Ideal for the environmentally and user safety conscious sites
- ✓ Concentrated and economical

### Degreasing Strength



### Red Dirt Removal



### Environmental Rating



### User Safety Rating



### Quick Break Properties



### DILUTIONS

#### Heavy Duty Equipment Cleaning & Degreasing

Use 50/50 or neat.

#### Light Vehicle Wash

1 part ECOWASH to 20 parts water.

#### Workshop Floor Cleaning

1 part ECOWASH to 3 parts water.

#### Pressure Spraying

1 part ECOWASH to 60 parts water.

### DIRECTIONS

Spray or foam on using CLEANSAFE dispensing systems

Allow 5 to 10 mins contact time

High pressure off or rinse off with fresh water.

### PACKAGING

25L, 200L and 1000L







# CHECK OUT OUR EXCLUSIVE PRODUCT RANGE



WHITEHOT



WHITE HOT<sup>RTU</sup>



GALAXY



GALAXY<sup>RTU</sup>



PREDATOR



LITTLE RIPPER



POWERFOAM



ECOWASH



BEFORE



AFTER



BEFORE



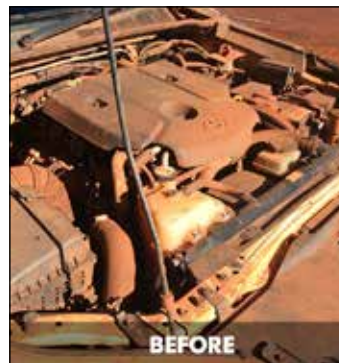
AFTER



BEFORE



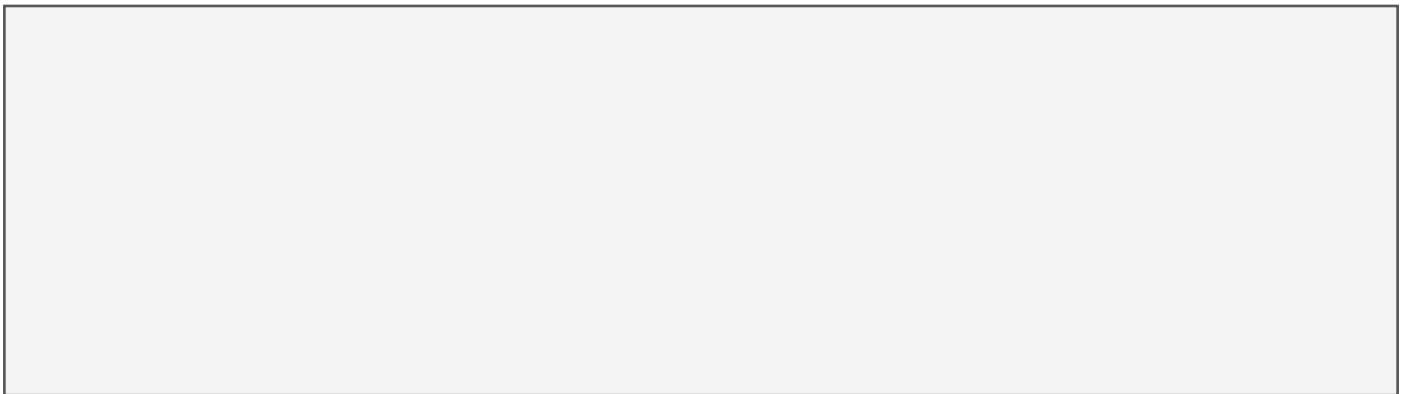
AFTER



BEFORE



AFTER



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