

Shell Material Safety Data

The Essential Guide

Issue July 2007



Introduction

This CD contains the latest Material Safety Data Sheet(s) (MSDS) relative to currently supplied product, particularly Shell Dangerous Goods and/or Hazardous substances. These MSDS documents contain important information in regards to safe storage, handling and use of the products. They should be forwarded to your Health, Safety and Environment Manager or person(s) responsible for advising on safety matters relating to these products, so that they can be made available to your company's employees (at all relevant sites) in accordance with legal requirements.

These products along with all other products sold by Shell can also be found on the Shell Australia website www.shell.com.au

> Enter

This CD contains the current Material Safety Data Sheets for products supplied by Shell in Australia as at 1 July 2007.

www.shell.com.au

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

How to use this guide

To assist in the downloading of the Material Safety Data Sheets we have divided the Shell product range into a number of business activities.

Simply click on the category that most closely suits the business sector you are in and the complete range of Shell products relating to this sector will appear. It is simply a matter of clicking on the product you are interested in and printing the MSDS PDF that opens. Alternatively if you are familiar with the Shell product range you can access the MSDS directly via the alphabetical list function.

The Shell name has been removed from the start of the product name. All products are sorted alphabetically.

To **PRINT a MSDS PDF**, key command **CTRL + P**

To **CLOSE a MSDS PDF** and return to your previous page, use key command **CTRL + W**

[> Shell Lubricants](#)

[> Shell Marine Products](#)

[> Shell Commercial Fuels](#)

[> Shell Retail](#)

[> Shell Aviation](#)

[> Shell Bitumen](#)

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Lubricants

Adrana D 208

Advance Silicon Brake

Calibration Fluid S.9365

Cassida Chain Oil 1000

Cassida Fluid PL

Cassida Silicone Fluid

Coolguard HD 50

Coolguard OAT

Coolguard OAT Ready-to-Use

Degreasing Fluid

Degreasing Fluid QB

Diala Concentrate P

Dobatex Aqua Degreaser

Dobatex Gold

Dobatex Mine

Dobatex Platinum

Donax TD 5W-30

Donax TD 10W-30

Dragline Rope Oil Heavy

Dromus Oil BL

Ensis Fluid V

High Ash Gas Engine Oil 40

Irus Fluid DR 46

Lubricool Blue

Lubricool Emerald

Lubricool Green

Lubricool System Cleaner

Lubricool Yellow HW

Methyl Di-glysolv

Mine Gear Oil 1500

Mine Gear Oil 320

Mould Oil D

Mould Oil N

Mould Oil O 5

Mould Oil P 5

Mould Oil R 20

Pennzoil Long-Life Tractor Fluid

Process Oil P 878

Running-in Oil 7294 30

Rustkote Fluid 945

VSI 8235

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Marine Products

AVGAS 100LL (Unmarked)

Diesoline 50

Fuel Oil 467 (Unmarked)

Marine Fuel Oil 25

Methyl Benzene (Unmarked)

Optimax (Unmarked) 2

Premium Unleaded PET

Racing Fuel 100 (Unmarked)

Racing Fuel A (Unmarked)

Shellite (Unmarked)

Unleaded Petrol

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Commercial Fuels

Aerojet
Alpine Diesel 20
Alpine Diesel 40
Alpine Diesel 100
Automotive Diesel Fuel
AVGAS 100
AVGAS 100LL
Butane
Calibration Fluid S.9365
Deodorised Kerosene
Diesel
Diesoline
Diesoline 50
Diesoline 500
Dual Purpose Kerosene
Fuel Oil 3F
Fuel Oil 437
Fuel Oil 448
Fuel Oil 448W

Fuel Oil 467
Gas Turbine Kerosene
Heating Oil 50
Household Kerosene
Industrial Fuel Oil 25
Industrial Fuel Oil 3F
Jet A-1
Lead Replacement Petrol
Low Emission Distillate
LPG
Marine Fuel Oil
Marine Fuel Oil 571
Methanol
Methyl Benzine
Methyl Ethyl Ketone
Methylated Spirits
Mineral Turpentine
Naptha LA CU
Narrow Cut Kerosene

Optimax
Paraffin H
Petrol
Premium Unleaded Petrol
Premium Unleaded Petrol 50PPM
Premix 2-stroke Fuel OB 50:1
Propane
Racing Fuel 100
Racing Fuel A
Shellheat
Shellite
Shellsol 1495
Shellsol A100
Solvent D
Toluene
Unleaded Petrol
Unleaded Petrol 95
Unleaded Petrol with
Alcohol Oxygenates

White Spirit
Xylene
V-Power
V-Power Racing
X3B
X55

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Retail

2T Max

Advance Chain

Advance Chain Ultra

Advance Filter

Advance Fork 15

Advance Gear 10W (GL-3)

Advance HD 50

Advance Quad 10W-40 MA

Advance Racing M 30

Advance Racing X 2

Advance S 4 20W-50

Advance SX 2 (Red, Prediluted)

Advance SX 4 15W-50

Advance VSX 2

Advance VSX 4 15W-50

Aeroshell Oil 100

Aeroshell Oil W100

Albida EP 2

Albida HDX 2

Alvania EP(LF) 00

Alvania EP(LF) 2

Alvania HDX 2

Alvania RL 2

Alvania RL 3

Alvania SDX 2

ATF Dexron III (H)

ATF IID

ATF IIIG

ATF XTR

Autogas LPG Mix

Brake & Clutch Super Dot 4

Cassida EPS 2

Chainsaw Bar Oil

Clavus 68

Coolguard OAT

Coolguard Oat Ready-To-Use

Corena Oil AP 100

Corena Oil AS 68

Corena Oil CH 46

Corena P 100

Corena P 150

Corena S 68

Degreasing Fluid

Dentax 90

Dentax S

Diesel

Dobatex Gold

Dobatex Truck Wash

Donax TC 30

Donax TC 50

Donax TD 10W-30

Donax TD Low-Vis 5W-30

DWF

Engine Degreaser

Gear Oil MJX 140

Hand Cleaner

Harvella T 15W-40

Helix ATF Dexron III

Helix ATF IID

Helix ATF XTR

Helix Brake & Clutch Fluid

Helix Diesel Super 15W-40

Helix Diff Oil 80W-90

Helix F 5W-30

Helix Gear Oil 80W

Helix LSD 90 (GL-5)

Helix Multigrade 20W-50

Helix Plus 15W-50

Helix Plus Eco 10W-30

Helix Plus LB 10W-30 (SJ/CF)

Helix Plus Sport 50 25W-70

Helix Power Steering Fluid

Helix Red (Multi) 20W-50 (SG)

Helix Super 10W-30

Helix Super 10W-40

Helix Super 20W-50

Helix Super LPG

Helix Super LPG 15W-40

Helix Super Older Engines
25W-60

Helix Synthetic ATF IIIG

Helix Synthetic Diff 80W-140

Helix Synthetic Gear 75W-90

Helix Ultra 5W-30

< ·1·2· >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Retail – continued

Helix Ultra 5W-40

Helix Ultra VX 5W-30

Lawn 2 Mower Oil

Lawn 4 Mower Oil

Lubricool Green

Malleus GL 25

Mould Oil P 5

Nautilus Premium 4 Stroke

10W-40 (SL/CF)

Nautilus Premium Outboard

Nautilus Premium

Outboard TCW-3

Nautilus Racing Outboard

Nautilus Synthetic Gear Oil

Omala 150

Omala 220

Omala 320

Omala 68

Ondina 15

Ondina 32

Ondina 68

Optimax

Optimax Extreme

Petroleum Jelly Snow White

Premium Unleaded Petrol

Protectacool

Protectacool 50

Retinax Grease LX2

Retinax HD 2

Retinax HDX 2

Retinax SD 2

Rimula D 15W-40 (CF/SF)

Rimula D 30 (CF/SF)

Rimula Super 15W-40

Rimula X 10W

Rimula X 15W-40

Rimula X 30

Rotella DD+ 40

Rotella DD+ 50

Saw Chain Oil

Spirax A 80 W 90

Spirax A 85 W-140

Spirax A LS 90

Spirax AX 85W-140

Spirax GX 80W-90

Spirax S 75W-90

Spirax S 80W-140

Stamina RL 2

Tellus Oil 100

Tellus Oil 22

Tellus Oil 32

Tellus Oil 46

Tellus Oil 68

Tivela GL 00

Tivela S 150

Tivela S 220

Tonna S 220

Turbo T 32

Turbo T 46

Turbo T 68

ULP

ULP 95

V-Power

V-Power Racing

Windscreen Wash Concentrate

XGO Gear Oil 75W-90

< · 1 · 2 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Aviation

Aerojet
Aeroshell Grease 7
Aeroshell Grease 17
Aeroshell Turbine Oil 500
Aeroshell Turbine Oil 750
AVGAS 100
AVGAS 100 LL
Calibrating Fluid 2
Calibration Fluid S.9365
Diesel
FSII
Hexion Methmix 45
Jet A-1
Methmix

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Bitumen

Standard Grades

Class 170 bitumen
Class 320 bitumen
Class 600 bitumen
Shell Bitumen Class 170
Shell Bitumen Class 320
Shell Bitumen Class 450
Shell Bitumen Class 600

Multigrades

Multiphalte 600/170
Multiphalte 1000/320

PMB's

Cariphalte A10E
Cariphalte A15E
Cariphalte A20E
Cariphalte A30P
Cariphalte A35P

Cariphalte S0.3B
Cariphalte S10E
Cariphalte S15E
Cariphalte S20E
Cariphalte S25E
Cariphalte S30E
Cariphalte S35E
Cariphalte S5E

Specialty Bitumens

Mexphalte Airport
Mexphalte C
Mexphalte C P1
Mexphalte FS
Mexphalte Fuelsafe
Mexphalte SMA Binder
Permaflux SL Compound
Tixophalte

Cutbacks

AMC 0 H
AMC 00 H
AMC 1 H
AMC 2 H
AMC 3 H
AMC 4 H
AMC 5 H
AMC 6 H
AMC 7 H
AMC 00
AMC 0
AMC 1
AMC 2
AMC 3
AMC 4
AMC 5
AMC 6

AMC 7
Cutback Blend 100/2
Cutback Blend 100/3
Cutback Blend 100/4
Cutback Blend 100/5
Cutback Blend 100/6
Cutback Blend 100/7
Cutback Blend 100/8
Primer 20 H
Primer 30 H
Primer 1000 H
Primer 1500 H
Primer 8000 H

Cutters & Fluxes

Asphalt Plant Heating Oil
Mexcut H
Mexcut L
Mexflux

< · 1 · 2 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Bitumen – continued

Precoats

Mexkote

Mexkote A

Mexkote B

Mexkote 2B

Mexkote 2B/15

Mexkote C

Flintkote Sprayflex Part A

Flintkote Sprayflex Part B

Flintkote Tixophalte Wet

Flintkote Ultra

Spunbond

Tixophalte

Waterproofing

Specialities

Flintkote Acrylic Primer

Flintkote Aluminium

Flintkote Black Primer

Flintkote Colorflex

Flintkote Decoralt

Flintkote FG4

Flintkote Hydroguard

Flintkote No.3

Flintkote No.5

Flintkote PF-4

Flintkote Rustguard

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Alphabetical List

2T Max

A

Adrana D 208
Advance Chain
Advance Chain Ultra
Advance Filter
Advance Fork 15
Advance Gear 10W (GI-3)
Advance HD 50
Advance Quad 10W-40 MA
Advance Racing M 30
Advance Racing X 2
Advance S 4 20W-50
Advance Silicon Brake
Advance SX 2 (Red, Prediluted)
Advance SX 4 15W-50
Advance VSX 2
Advance VSX 4 15W-50
Aerojet
Aeroshell Grease 17

Aeroshell Grease 7
Aeroshell Oil 100
Aeroshell Oil W100
Aeroshell Turbine Oil 500
Aeroshell Turbine Oil 750
Albida EP 2
Albida HDX 2
Alpine Diesel 100
Alpine Diesel 20
Alpine Diesel 40
Alvania EP(LF) 00
Alvania EP(LF) 2
Alvania HDX 2
Alvania RL 2
Alvania RL 3
Alvania SDX 2
AMC 0
AMC 0 H
AMC 00
AMC 00 H
AMC 1

AMC 1 H
AMC 2
AMC 2 H
AMC 3
AMC 3 H
AMC 4
AMC 4 H
AMC 5
AMC 5 H
AMC 6
AMC 6 H
AMC 7
AMC 7 H
Asphalt Plant Heating Oil
ATF Dexron III (H)
ATF IID
ATF IIIG
ATF XTR
Autogas LPG Mix
Automotive Diesel Fuel
AVGAS 100

AVGAS 100LL
AVGAS 100LL (Unmarked)

B

Brake & Clutch Super Dot 4
Butane

C

Calibrating Fluid 2
Calibration Fluid S.9365
Cariphalte A10E
Cariphalte A15E
Cariphalte A20E
Cariphalte A30P
Cariphalte A35P
Cariphalte S0.3B
Cariphalte S10E
Cariphalte S15E
Cariphalte S20E
Cariphalte S25E
Cariphalte S30E

< · 1 · 2 · 3 · 4 · 5 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Alphabetical List – continued

Cariphalte S35E
Cariphalte S5E
Cassida Chain Oil 1000
Cassida EPS 2
Cassida Fluid PL
Cassida Silicone Fluid
Chainsaw Bar Oil
Class 170 bitumen
Class 320 bitumen
Class 600 bitumen
Clavus 68
Coolguard HD 50
Coolguard OAT
Coolguard OAT Ready-to-Use
Corena Oil AP 100
Corena Oil AS 68
Corena Oil CH 46
Corena P 100
Corena P 150
Corena S 68
Cutback Blend 100/2
Cutback Blend 100/3

Cutback Blend 100/4
Cutback Blend 100/5
Cutback Blend 100/6
Cutback Blend 100/7
Cutback Blend 100/8

D

Degreasing Fluid
Degreasing Fluid QB
Dentax 90
Dentax S
Deodorised Kerosene
Diala Concentrate P
Diesel
Diesoline
Diesoline 50
Diesoline 500
Dobatex Aqua Degreaser
Dobatex Gold
Dobatex Mine
Dobatex Platinum
Dobatex Truck Wash

Donax TC 30
Donax TC 50
Donax TD 10W-30
Donax TD 5W-30
Donax TD Low-Vis 5W-30
Dragline Rope Oil Heavy
Dromus Oil BL
Dual Purpose Kerosene
DWF

E

Engine Degreaser
Esis Fluid V

F

Flintkote PF-4
Flintkote Acrylic Primer
Flintkote Aluminium
Flintkote Black Primer
Flintkote Colorflex
Flintkote Decoralt
Flintkote FG4

Flintkote Hydroguard
Flintkote No.3
Flintkote No.5
Flintkote Rustguard
Flintkote Sprayflex Part A
Flintkote Sprayflex Part B
Flintkote Tixophalte Wet
Flintkote Ultra
FSII
Fuel Oil 3F
Fuel Oil 437
Fuel Oil 448
Fuel Oil 448W
Fuel Oil 467
Fuel Oil 467 (Unmarked)

G

Gas Turbine Kerosene
Gear Oil MJX 140

H

Hand Cleaner

[<](#) [1](#) [2](#) [3](#) [4](#) [5](#) [>](#)

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Alphabetical List – continued

Harvella T 15W-40
Heating Oil 50
Helix ATF Dexron III
Helix ATF IID
Helix ATF XTR
Helix Brake & Clutch Fluid
Helix Diesel Super 15W-40
Helix Diff Oil 80W-90
Helix F 5W-30
Helix Gear Oil 80W
Helix LSD 90 (GL-5)
Helix Multigrade 20W-50
Helix Plus 15W-50
Helix Plus Eco 10W-30
Helix Plus LB 10W-30 (SJ/CF)
Helix Plus Sport 50 25W-70
Helix Power Steering Fluid
Helix Red (Multi) 20W-50 (SG)
Helix Super 10W-30
Helix Super 10W-40
Helix Super 20W-50

Helix Super LPG
Helix Super LPG 15W-40
Helix Super Older Engines
25W-60
Helix Synthetic ATF IIIG
Helix Synthetic Diff 80W-140
Helix Synthetic Gear 75W-90
Helix Ultra 5W-30
Helix Ultra 5W-40
Helix Ultra VX 5W-30
Hexion Methmix 45
High Ash Gas Engine Oil 40
Household Kerosene

I
Industrial Fuel Oil 25
Industrial Fuel Oil 3F
Irus Fluid DR 46

J
Jet A-1

L
Lawn 2 Mower Oil
Lawn 4 Mower Oil
Lead Replacement Petrol
Low Emission Distillate
LPG
Lubricool Blue
Lubricool Emerald
Lubricool Green
Lubricool System Cleaner
Lubricool Yellow HW

M
Malleus GL 25
Marine Fuel Oil
Marine Fuel Oil 25
Marine Fuel Oil 571
Methanol
Methmix
Methyl Benzine
Methyl Benzine (Unmarked)

Methyl Di-glycolve
Methyl Ethyl Ketone
Methylated Spirits
Mexcut H
Mexcut L
Mexflux
Mexkote
Mexkote 2B
Mexkote 2B/15
Mexkote A
Mexkote B
Mexkote C
Mexphalte Airport
Mexphalte C
Mexphalte C P1
Mexphalte FS
Mexphalte Fuelsafe
Mexphalte SMA Binder
Mine Gear Oil 1500
Mine Gear Oil 320
Mineral Turpentine

< · 1 · 2 · 3 · 4 · 5 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Alphabetical List – continued

Mould Oil D
Mould Oil N
Mould Oil O 5
Mould Oil P 5
Mould Oil R 20
Multiphalte 1000/320
Multiphalte 600/170

N

Naphtha LA CU
Narrow Cut Kerosene
Nautilus Premium
 Outboard TCW-3
Nautilus Premium 4 Stroke
 10W-40 (SL/CF)
Nautilus Racing Outboard
Nautilus Synthetic Gear Oil

O

Omala 150
Omala 220
Omala 320
Omala 68
Ondina 15
Ondina 32
Ondina 68
Optimax
Optimax (Unmarked) 2
Optimax Extreme

P

Paraffin H
Pennzoil Long-Life Tractor Fluid
Permaflux SL Compound
Petrol
Petroleum Jelly Snow White
Premium Unleaded PET

Premium Unleaded Petrol
Premium Unleaded Petrol 50PPM
Premix 2-stroke Fuel OB 50:1
Primer 1000 H
Primer 1500 H
Primer 20 H
Primer 30 H
Primer 8000 H
Process Oil P 878
Propane
Protectacool
Protectacool 50

R

Racing Fuel 100
Racing Fuel 100 (Unmarked)
Racing Fuel A
Racing Fuel A (Unmarked)
Retinax Grease LX2

Retinax HD 2
Retinax HDX 2
Retinax SD 2
Rimula D 15W-40 (CF/SF)
Rimula D 30 (CF/SF)
Rimula Super 15W-40
Rimula X 10W
Rimula X 15W-40
Rimula X 30
Rotella DD+ 40
Rotella DD+ 50
Running-in Oil 7294 30
Rustkote Fluid 945

S

Saw Chain Oil
Shell Bitumen Class 170
Shell Bitumen Class 320
Shell Bitumen Class 450

< · 1 · 2 · 3 · 4 · 5 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Alphabetical List – continued

Shell Bitumen Class 600
Shellheat
Shellite
Shellite (Unmarked)
Shellsol 1495
Shellsol A100
Solvent D
Spirax A 80 W 90
Spirax A 85 W-140
Spirax A LS 90
Spirax AX 85W-140
Spirax GX 80W-90
Spirax S 75W-90
Spirax S 80W-140
Spunbond
Stamina RL 2

T

Tellus Oil 100
Tellus Oil 22
Tellus Oil 32
Tellus Oil 46
Tellus Oil 68
Tivela GL 00
Tivela S 150
Tivela S 220
Tixophalte
Toluene
Tonna S 220
Turbo T 32
Turbo T 46
Turbo T 68

U

ULP
ULP 95
Unleaded Petrol
Unleaded Petrol 95
Unleaded Petrol with
Alcohol Oxygenates

V

V-Power
V-Power Racing
VSI 8235

W

White Spirit
Windscreen Wash Concentrate

X

X3B
X55
XGO Gear Oil 75W-90
Xylene

< · 1 · 2 · 3 · 4 · 5 · >

Shell Material Safety Data

The Essential Guide



[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

For Shell information contact

13 16 18

For account enquiries or to order product contact

13 16 18

or visit

www.shell.com.au

Shell Material Safety Data

The Essential Guide



Links

Click on the URL link you wish to visit and your browser will open to that particular website

[Alphabetical List](#)

[Contacts](#)

[Links](#)

[Main Menu <](#)

Shell Australia

www.shell.com.au

Agriculture

www.shell.com.au/agriculture

Automotive Workshops

www.shell.com.au/workshops

Bitumen

www.shell.com.au/bitumen

Food

www.shell.com.au/food

Mining

www.shell.com.au/mining

Power

www.shell.com.au/power

Transport

www.shell.com.au/transport

Shell Services

www.shell.com.au/services

Spill Management Products

www.shell.com.au/enretech

Oil Storage and Handling Equipment

www.shell.com.au/oilsafe

Workshop Equipment

www.shell.com.au/tecalemit