



SAFETY DATA SHEET

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product Name: **AR6400 Complete Fuel System Cleaner**
Datasheet Number: AR6400 1.3.0

1.2 Relevant identified uses of the substance or mixture and uses advised against

Fuel treatment

1.3 Details of the supplier of the safety data sheet

Name of Supplier: Archoil
Address of Supplier: Unit 27 Rookery Business Park
Silver Street
Besthorpe
Norfolk NR17 2LD. UK
Telephone: 0844 811 6147
Fax: 0844 811 6148
Responsible Person: Technical Manager
Email: support@archoil.eu

1.4 Emergency telephone number

+44 (0)844 811 6147 (office hours)

2 Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]
- Asp. Tox. 1, H304
- Skin Irrit. 2, H315
- Classification (67/548/EEC, 1999/45/EC)
- R38
- Xn; R65

2.2 Label elements



- Signal Word: Danger
- Symbols: GHS07, GHS08

Hazard phrases

- May be fatal if swallowed and enters airways.
- Causes skin irritation.



2 Hazards identification (....)

Precautionary Phrases

- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- Do NOT induce vomiting.
- IF ON SKIN: Wash with plenty of soap and water.
- Store locked up.
- Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

- None

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
1,2,4-Trimethylbenzene	<1%	95-63-6	202-436-9	H226, H315, H319, H332, H335, H411 R10, R20, R36/37/38, R51-53	GHS02, GHS07, GHS09 Xn, N
Distillates (petroleum) hydrotreated	40-45%	64742-47-8	265-149-8	H304 R65	GHS08 Xn
Polyether amine	30-50%				
Xylene	1-5%	1330-20-7	215-535-7	H226, H332, H312, H315 R10, R20/21, R38	GHS02, GHS07 Xn
Distillates (petroleum), sweetened middle	20-25%	64741-86-2	265-088-7	H304, H315, H332, H411 R20, R38, R65, R51-53	GHS07, GHS08, GHS09 Xn, N
Ferrocene	<1%	102-54-5	203-039-3	H225, H304, H411 R11, R65, R51-53	GHS02, GHS08, GHS09 F, Xn, N
Tallow fatty acid	<1%	67701-06-8			
Polyisobutenyl-succinimide (PIBSI)	<1%	84605-20-9		H319 R36	GHS07 Xi
2-ethylhexyl nitrate	<1%	27247-96-7	248-363-6	H312, H332 R20/21	GHS07 Xn

*See Section 16



4 First aid measures

4.1 Description of first aid measures

- If substance has got into eyes, immediately wash out with plenty of water
- If eye irritation persists: Get medical advice/attention.
- IF ON SKIN: Wash with plenty of soap and water.
- IF INHALED: Remove to fresh air. Oxygen or artificial respiration if needed. Get medical attention immediately.
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

- May cause respiratory failure
- Causes irritation

4.3 Indication of immediate medical attention and special treatment needed

- Treat symptomatically.

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use water, foam or dry agent for extinction

5.2 Special hazards arising from the substance or mixture

- Gives off irritating or toxic fumes (or gases) in a fire.
- Vapours may ignite

5.3 Advice for firefighters

- Wear protective clothing as per section 8

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate the area and keep personnel upwind
- Shut off all ignition sources
- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in inert material and shovel up

6.4 Reference to other sections

- See Section 8

7 Handling and storage

7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Keep away from heat and sources of ignition



7 Handling and storage (....)

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place.
- Store in a dry place.
- Store locked up.

7.3 Specific end use(s)

- No information available.

8 Exposure controls/personal protection

8.1 Control parameters

Xylene

- WEL (short term) 441 mg/m³
- WEL (short term) 100 ppm
- WEL (long term) 50 ppm
- WEL (long term) 220 mg/m³

8.2 Exposure controls

- Engineering controls should be provided to prevent the need for ventilation

Occupational exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
- In case of inadequate ventilation wear respiratory protection.



Gloves



Goggles



Suit



Respirator

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Smells of solvent
- Appearance: amber, Liquid
- pH - not known
- Boiling point - not known
- Vapour pressure 0.37 mm /Hg
- Vapour density (air = 1) 1.1
- Melting point - not known
- Insoluble in water
- Fat solubility - not known
- Specific gravity 0.89 g/cm³
- Flammable

9.2 Other information

- No information available



10 Stability and reactivity

10 .1 Reactivity

- No information available

10 .2 Chemical stability

- No decomposition if stored normally.

10 .3 Possibility of hazardous reactions

- No information available

10 .4 Conditions to avoid

- Keep away from heat and sources of ignition

10 .5 Incompatible materials

- Incompatible with oxidizing substances
- Incompatible with acid
- Incompatible with combustible material
- Incompatible with natural rubber
- Incompatible with zinc
- Incompatible with aluminium
- Incompatible with chromic anhydride
- Incompatible with lead perchlorate

10 .6 Hazardous Decomposition Products

- Decomposition products may include carbon oxides

11 Toxicological information

11 .1 Information on toxicological effects

- The ingestion of significant quantities may cause systemic effects

Inhalation

- Causes dizziness, confusion, headache or stupor
- May cause nausea/vomiting
- May cause breathing difficulty
- May cause respiratory failure
- Can cause damage to the central nervous system
- Causes chronic pneumonitis
- Causes unconsciousness

Contact with skin

- May cause irritation
- May cause dermatitis

Contact with eyes

- Causes severe irritation

Ingestion

- May cause diarrhoea
- May cause headache



11 Toxicological information (....)

Carcinogenicity

- No information available

Teratogenicity

- No information available

Mutagenicity

- No information available

12 Ecological information

12 .1 Toxicity

- On available data, substance is not harmful to aquatic life

12 .2 Persistence and degradability

- No information available

12 .3 Bioaccumulation Potential

- No information available

12 .4 Mobility in soil

- No information available

12 .5 Results of PBT and vPvB assessment

- No information available

12 .6 Other Adverse Effects

- No information available

13 Disposal considerations

13 .1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation

Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)

14 Transport information

14.1 UN Number

N/A

14.2 UN Proper Shipping Name

N/A

14.3 Transport hazard class(es)

N/A



14 Transport information (....)

14.4 Packing group
N/A

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Not Classified

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

Other information

Road/Rail (ADR/RID)

Proper Shipping Name: N/A
ADR Hazard Class: N/A
Tunnel Code: N/A

ADR UN No.: N/A
ADR Packing Group: N/A

Sea (IMDG)

Proper Shipping Name: N/A
IMDG Hazard Class.: N/A

IMDG UN No.: N/A
IMDG Pack Group.: N/A

Air (ICAO/IATA)

Proper Shipping Name: N/A
ICAO Hazard Class.: N/A

ICAO Un No.: N/A
ICAO Packing Group.: N/A

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Refer to current ADR Regulations
- Refer to current CPL Regulations
- Refer to current IATA Regulations

15.2 Chemical Safety Assessment

16 Other information

Text of R and S phrase codes used in this safety data sheet:- H225: Highly flammable liquid and vapour.; H226: Flammable liquid and vapour.; H304: May be fatal if swallowed and enters airways.; H312: Harmful in contact with skin.; H315: Causes skin irritation.; H319: Causes serious eye irritation.; H332: Harmful if inhaled.; H335: May cause respiratory irritation.; H411: Toxic to aquatic life with long lasting effects.; R10: Flammable; R11: Highly Flammable; R20: Harmful by inhalation; R20/21: Harmful by inhalation and in contact with skin; R36: Irritating to eyes; R36/37/38: Irritating to eyes, respiratory system and skin; R38: Irritating to skin; R51: Toxic to aquatic organisms; R53: May cause long term adverse effects in the aquatic environment; R65: Harmful: may cause lung damage if swallowed.

The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. The company will not be held liable for any damage resulting from handling or from contact with this product.