

Robolin AOS75R

Robotic MIG Torch Anti-Spatter

- Improves torch, tip and nozzle life
- Increases uptime
- Will not corrode or clog cleaning station anti-spatter systems
- Made in Germany
- Competitively priced
- Economical in use

Available in 10litre containers

Call/write for a free sample!



Welding Automation Pty Ltd
t: 03 8516 2472 f: 03 9011 6203
Sales@WeldingAutomation.com.au
www.WeldingAutomation.com.au

EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

ROBOLIN AOS 75 R

Date of first version: 02.01.2008
Revision date: 12.03.2010

Date of print: 15.03.2010
Version 2 / Page 2 of 5

Special exposure hazards arising from the substance or preparation itself, its combustion products or from resulting gases:
Combustible. Concentrated vapours are heavier than air.
Can be released in case of fire: Carbon monoxide and carbon dioxide.

Special protective equipment for fire-fighters:
Wear self-contained breathing apparatus.

Additional information: Hazchem-Code: -
Do not allow fire water to penetrate into surface or ground water.

6. Accidental release measures

Personal precautions: Wear suitable protective clothing. Do not inhale vapours.

Environmental precautions: Do not allow to penetrate into soil, waterbodies or drains.

Methods for cleaning up: Prevent spreading over great surfaces (e.g. by damming or installing oil booms).
Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.
Store in special closed containers and dispose of according to ordinance. Final cleaning.

Additional information: High slip hazard because of leaking or spilled product.

7. Handling and storage

Handling

Information for safe handling:
Provide adequate ventilation, and local exhaust as needed.
Avoid oil mist. Do not inhale vapours.

Precautions against fire and explosion:
Avoid overheating.

Storage

Requirements for storerooms and containers:
Keep container tightly closed. Protect from light.
Store out of the reach of children.

Storage class: 10= Combustible liquids, unless storage class 3

8. Exposure controls / Personal protection equipment

Exposure controls

Provide good ventilation and/or an exhaust system in the work area.
See also information in chapter 7, section storage.

Occupational exposure controls

Respiratory protection: Provide adequate ventilation.

Hand protection: Protective gloves according to EN 374.
Glove material: Nitrile rubber-Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Recommendation:
Tightly sealed safety glasses according to EN 166.

Skin protection: Wear suitable protective clothing.

General protection and hygiene measures:
Change contaminated clothing.
Wash hands before breaks and after work.

EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

ROBOLIN AOS 75 R

Date of first version: 02.01.2008
Revision date: 12.03.2010

Date of print: 15.03.2010
Version 2 / Page 3 of 5

9. Physical and chemical properties

Appearance

Physical state: liquid
Colour: blue
Odour: odourless

Important health, safety and environmental information

Boiling temperature / boiling range: 350 - 420 °C
Melting point / melting range: approx. -18 °C
Flash point / flash point range: 195 °C
Ignition temperature: > 300 °C
Vapour pressure: at 20 °C: <= 0,001 hPa
Density: at 20 °C: 0,86 g/mL
pH value: not applicable
Solubility in water: insoluble
Viscosity, dynamic: at 20 °C: 30 mPa*s
Viscosity, kinematic: 40 mm²/s

10. Stability and reactivity

Conditions to avoid: Protect from excessive heat.
Materials to avoid: strong oxidizing agents
Hazardous decomposition products:
Can be released in case of fire: Carbon monoxide and carbon dioxide.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 Rat, oral: 5000 mg/kg
Following inhalation: After inhalation of hot vapours: Can irritate the mucous membrane.
After swallowing: After ingestion of high quantities: gastro-intestinal ailment.
Aspiration hazard: in case of swallowing or vomiting danger of penetration into the lungs.

General remarks

Not known to cause sensitization.

12. Ecological information

Ecotoxicity

Water Hazard Class: 1 = mild water pollutant

Details of elimination

Further details: Substance floats on the water surface.

Additional ecological information

General information: Do not allow to enter ground water, sewage or drains.

EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

ROBOLIN AOS 75 R

Date of first version: 02.01.2008
Revision date: 12.03.2010

Date of print: 15.03.2010
Version 2 / Page 4 of 5

13. Disposal considerations

Product

Waste key number 120107* = mineral-based machining oils free of halogens (except emulsions and solutions)

* = Evidence for disposal must be provided.

Recommendation: Incinerate according to applicable local, state and federal regulations.
Do not dispose of with household waste.

Contaminated packaging

Recommendation: Waste key number 150102 - Plastic packaging
Waste key number 150104 - Metallic packaging
Waste disposal according to official state regulations.
Cleaned containers may be recycled.

14. Transport information

Overland transport (ADR/RID)

Product designation: Not restricted

Transport by sea (IMDG)

Proper shipping name: Not restricted

Air transport (IATA)

Proper shipping name: Not restricted

Additional information

Not a hazardous material with respect to transportation regulations.

15. Regulatory information

Labelling (67/548/EEC or 1999/45/EC)

Code letter and hazard symbol: not applicable

R phrase(s): not applicable

S phrase(s): not applicable

National regulations

National regulations - Great Britain

Hazchem-Code: -

National regulations - Germany

Storage class: 10 = Combustible liquids, unless storage class 3

Water Hazard Class: 1 = mild water pollutant

National regulations - EC member states

Volatile organic compounds (VOC):
0 % by weight

EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

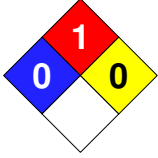
ROBOLIN AOS 75 R

Date of first version: 02.01.2008
Revision date: 12.03.2010

Date of print: 15.03.2010
Version 2 / Page 5 of 5

National regulations - USA

Hazard rating systems



NFPA Hazard Rating:

Health: 0 (Minimal)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 0 (Minimal)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

16. Other information

Further remarks

Reason of change: General revision

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.