

**MATERIAL SAFETY DATA SHEET  
WELDMATE SPATTER OFF SPRAY**

(Please ensure that this MSDS is received by appropriate person)

Date: January 2018

Version: 02

Ref.: MS094

**1 PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT IDENTIFICATION

Product Name **AFROX WELDMATE SPATTER OFF SPRAY**  
Chemical Formula  
Trade Name **AFROX WELDMATE**  
Colour Coding.  
Valves  
Company Identification **AFROX Malawi Limited**  
Johnstone Road  
Ginnery Corner  
Blantyre  
Tel No: +265(1)871 611  
Fax No: +265(1)871 260  
**+265(1)871 260 (24Hrs)**  
Emergency No:

**2 COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name (1) **BORIC ACID ALKANOMIDE**

Chemical Family  
CAS No.  
Concentration (%) 1.00 – 5.00  
EC No.

Chemical Name (2) **DIMETHYL ETHER**

Chemical Family  
CAS No. 000115-10-6  
Concentration (%) 15.00 – 30.00  
EC No. 232-366-4  
UN No.  
ERG No.  
Hazchem Warning

**3 HAZARDS IDENTIFICATION**

**Main Hazards** Not classified as hazardous.  
**Adverse Health Effects**  
**Chemical Hazards**  
**Biological Hazards**  
**Vapour Inhalation**  
**Eye Contact** Liquid may cause slight transient irritation.  
**Skin Contact** Repeated and/or prolonged contact may lead to dermatitis.  
**Ingestion** Swallowing may have the following effect – nausea.

**4 FIRST AID MEASURES**

**Eye Contact** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.  
**Skin Contact** Wash skin with soap and water.  
**Ingestion** DO NOT induce vomiting.  
**Inhalation** Remove from exposure.

**5 FIRE FIGHTING MEASURES**

**Extinguishing media** Use foam, dry chemical or carbon dioxide.  
**Incompatible Materials** Do not use water jet.  
**Specific Hazards** Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.  
**Emergency Actions**  
**Protective Clothing** Wear self-contained breathing apparatus.  
**Environmental Precautions**

**6 ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Material can create slippery conditions underfoot.  
**Environmental precautions** Try to prevent the material from entering drains or watercourses.

**Spillages** Contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

**7 HANDLING AND STORAGE**

**Handling** Use in well-ventilated area. Guard against the possibility of weld spatter piercing the container.  
**Storage** Storage area should be out of direct sunlight. Storage temperature should be kept below 50°C

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Hazards** **DIMETHYL ETHER:**  
UK EH40:OES 400ppm (766mg/m<sup>3</sup>) 8 hr TWA  
UK EH40:OES 500ppm(958mg/m<sup>3</sup>) 15 min TWA  
**Engineering control measures** Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure.  
**Personal protection** During application, adequate ventilation must be provided.  
**Skin / Body Eyes** Normal work wear. Chemical goggles if there is a risk of eye contact.  
**Hands** Use a good quality barrier cream.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

**PHYSICAL DATA**

Chemical Symbol  
Molecular Weight  
Specific Volume  
Density (kg/m<sup>3</sup>) 1.02 (measured as kg/litre)  
Relative density  
Colour Pale Yellow  
Taste  
Odour Faint  
Physical State Liquid  
PH 9.8  
Boiling Range /Point (°C) 100  
Flash Point (PMCC) (°C) <0  
Solubility in Water (kg/m<sup>3</sup>) Completely soluble  
Viscosity (cSt) Mobile liquid at ambient temperature

**10 STABILITY AND REACTIVITY**

**Stability** Stable under normal conditions.  
**Conditions to avoid** Temperatures in excess of 50°C. Exposure to direct sunlight.  
**Incompatible Materials** Strong oxidising agents.  
**Hazardous Decomposition Products** After evaporation of water, combustion will generate oxides of carbon. Combustion may also generate aldehydes.

**11 TOXICOLOGICAL INFORMATION**

Acute Toxicity Low order of acute toxicity.  
Skin & eye contact  
Chronic Toxicity  
Carcinogenicity  
Mutagenicity  
Reproductive Hazards

**12 ECOLOGICAL INFORMATION**

**Mobility** The product is involatile and water-soluble and will partition to the aqueous phase.  
**Persistence/ Degradability** The product is expected to be resistant to bio-degradation.  
**Bioaccumulation** Product is not expected to bio-accumulate

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**13 DISPOSAL CONSIDERATIONS**

**Disposal Methods** Dispose of in accordance with all applicable local and national regulations.

**Disposal of packaging** Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.

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**14 TRANSPORT INFORMATION**

**ROAD TRANSPORTATION**

UN No. 1950  
ERG No 126  
Hazchem warning  
Class 2.2  
Proper Shipping Name AEROSOLS

**SEA TRANSPORTATION**

IMDG  
Class 2.2  
Packaging group  
Label  
Proper Shipping Name AEROSOLS

**AIR TRANSPORTATION**

ICAO/IATA Code  
Class 2.1  
Packaging group  
Proper Shipping Name AEROSOLS  
Tremcard No. TEC(R) 20G26  
Packaging instructions  
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Cargo  
- Passenger  
Maximum quantity allowed  
- Cargo  
- Passenger

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**15 REGULATORY INFORMATION**

EEC Hazard class: Extremely Flammable

National  
Legislation: OHSact and regulations 85 of 1993  
Reference: SANS 10234 and its supplements.

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**16 OTHER INFORMATION**

**Product Use** For industrial use only. Prevention of weld spatter adhesion.

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**EXCLUSION OF LIABILITY**

Information contained in this publication is accurate at the date of publication. The company does not accept liability arising from the use of this information, or the use, application, adaptation or process of any products described herein.