

MATERIAL SAFETY DATA SHEET

AFROX WELDMATE SPATTER OFF SPRAY

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

DATE: June 2017 REF NO: MS143

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 African Oxygen Limited
23 Webber Street, Selby
Johannesburg
2001

Emergency No: Tel No: +27 (11) 490 0400
0860 111 185 or 0860 020202 (24HRS)

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

DIMETHYL ETHER:

UK EH40:OES 400ppm (766mg/m³) 8 hr TWA

UK EH40:OES 500ppm (958mg/m³) 15 min TWA

Hazards

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

Normal work wear.

Eyes

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/m³) 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/m³)

Completely soluble

(cSt)

Viscosity
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 re-cycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.

- Cargo
 - Passenger
- Maximum quantity allowed
- Cargo
 - Passenger

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

15 REGULATORY INFORMATION

EEC Hazard class: Extremely Flammable
Reference standard: SANS 10234 and supplement.
National legislation: OHSAct and Regulation (85 of 1993)

16 OTHER INFORMATION

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

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.