



AURORA MARINE INDUSTRIES INC.

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Material Safety Data Sheet

**Alumetron**

Version No: 1 Revision Date: June 1, 2009

**1. Identification of the preparation and company**

**Preparation/Product Name** Alumetron  
**Product Code** 01260  
**Intended Use** Protective Coating for Aluminum  
**Application Method** Wipe on  
**Company Name** Aurora Marine Industries Inc.  
7015 Ordan Drive, Unit 11  
Mississauga, Ontario  
L5T 1Y2  
Canada  
**Telephone No.** 905-564-4995  
**Fax No.** 905-564-4956  
**24 hour Emergency Telephone No.-** 613-996-6666/\*6666(cellular)

**2. Composition/Information on ingredients**

This product contains the following substances that present health hazard

Component	CAS-No.	Weight %	LD(50),oral rat
2-butoxyethanol	111-76-2	3%-5%	470mg/Kg

**3. Hazard Identification of the product**

**Potential Health Effects**

**Primary Routes of Entry:** Inhalation, Eye contact & Skin contact

**Eye:** Direct contact with eyes can cause slight irritation.

**Skin:** Prolong or repeated contact with skin can cause slight irritation.

**Inhalation:** Inhalation of vapor or mist can cause irritation of nose, throat, lungs & headache & nausea.

**4. First aid measures**

**General-**In all cases of doubt or when symptom persists seek medical attention.

**Inhalation-**Move to fresh air

**Eye Contact-**Rinse immediately with plenty of water

**Skin Contact-** Wash with soap & water

**Ingestion-**Rinse mouth with water & drink 2-3 glass of water to dilute, only induce vomiting if directed by physicians. Seek medical advise,

**5. Fire-fighting measures**

Product is not flammable.

**6. Accidental release measures**

Recover for use if possible.

Ventilate the area.

Wipe or absorb or flush with water.

Dispose of according to regulations.

Your attention is drawn to the disclaimer on the Product Data Sheet which with this Safety Data Sheet and the package labeling comprise an integral information system about this product. Copies of the Product Data Sheet are available from Aurora Marine on request or from our Internet site: [www.auroramarine.com](http://www.auroramarine.com)

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**7. Handling and storage**

**In Storage**-Store in cool dry area.

**In Use**-Avoid skin & eye contact, Do not breath vapors or mist etc.

**Storage**-Do not freeze, store in well ventilated area, keep container closed.

**8. Exposure controls and personal protection**

**Engineering Measures**

Use local exhaust ventilation with a minimum capture velocity of 100 ft/min. (0.5 m/sec.) at the point of vapor evolution. Refer to the current edition of Industrial Ventilation: A Manual of Recommended Practice published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.

**Exposure Limits**

Exposure limits are listed below, if they exist

Component	CAS	OSHA PEL	NIOSH REL	ACGIH TLV
2-butoxyethanol	111-76-2	50 ppm(240 mg/m <sup>3</sup> )	5 ppm(24 mg/m <sup>3</sup> )	20 ppm
Dipropylene glycol methyl ether	34590-94-8	100 ppm(600 mg/m <sup>3</sup> )	100 ppm(600 mg/m <sup>3</sup> )	100 ppm

**Respiratory Protection**

A respiratory protection program meeting OSHA 1910.134 and ANSI Z88.2 requirements or equivalent must be followed whenever workplace conditions warrant a respirator's use.

**Eye Protection -**

Wear Safety glasses with side-shields.

**Hand Protection -**

Wear Neoprene gloves

**Skin Protection-**

Workers should use appropriate personal protective clothing and equipment that must be carefully selected, used, and maintained to be effective in preventing skin contact.

**9. Physical and chemical properties**

<b>Physical State-</b>	liquid
<b>Color</b>	Milky white
<b>pH</b>	8-9
<b>Flash Point (deg C)-</b>	Noncombustible
<b>Viscosity (cSt)-</b>	1.012cP
<b>Specific Gravity-</b>	0.996
<b>Vapor Density-</b>	N.A.
<b>Upper Explosive Limit-</b>	N.A.
<b>Lower Explosive Limit-</b>	N.A.
<b>Solubility in Water-</b>	Soluble
<b>Freezing point-</b>	<0°C
<b>VOC's(EST.)</b>	0.71lb/gallon (85g/L)

**10. Stability and reactivity**

Stable under recommended storage and handling conditions (see section 7).

**11. Toxicological information**

Product itself is not toxic. Additives present at very low or trace amounts, have minimal hazard potential, when product is properly used.

**12. Ecological information**

There are no data available on the product itself.

**13. Disposal considerations**

Wastes and empty containers should be disposed of in accordance with regulations made under the Control of Pollution Act and the Environmental Protection Act.

When using information provided in this data sheet advice should be obtained from the Waste Regulation Authority, as to weather the special waste regulations apply.

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**14. Transport information**

Transport only in accordance with the following regulations:

**DOT/TDG** NOT REGULATED FOR TRANSPORTATION

**IMO/IMDG** NOT REGULATED FOR TRANSPORTATION

*Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations*

**15. Regulatory information**

**WHMIS Classification** This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**Workplace Classification** This product is considered non-hazardous under the OSHA Hazard Communication Standard (29CFR1910.1200)  
This product is not a 'controlled product' under the Canadian Workplace Hazardous Materials Information System (WHMIS).

**Canada. Environmental Protection Act (DSL)** All components of this product are in compliance with the inventory listing requirements of the New Substances Notification Regulations

**US. Toxic Substances Control Act (TSCA)** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**Sources Used for Information:** Suppliers, ACGIH, CCOHS

**16. Other information**

**Hazard Rating**

Health	Fire	Reactivity
1	0	0

**Legend**

ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
CCOHS	Canadian Centre for Occupational Health and Safety
PEL	Permissible Exposure Limit
REL	Recommended exposure limit
TLV	Threshold Limit Value
TWA	Time Weighted Average (TWA):
WHMIS	Workplace Hazardous Materials Information System
NA	Not Applicable
NE	Not Established
ND	Not Determined
EST	Estimated

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**The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. The supplier provides no warranties express or implied and assumes no responsibility for the accuracy or the completeness of the data contained herein.**