

**Ardrox® 9703**Version 1.1  
Revision Date 04/20/2010

Print Date 08/20/2012

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : Ardrox® 9703  
 MSDS Number : REL\_10630

Company : Chemetall US, Inc.  
 675 Central Avenue  
 New Providence, NJ 07974

Telephone : +18005264473  
 Telefax : +19084644658  
 Emergency telephone no : CHEMTREC - 800-424-9300

**SECTION 2. HAZARDOUS COMPONENTS INFORMATION**

Component	CAS-No.	Weight %
Trade secret registry	735517-5160P	15.00 - 40.00
Aminocoumarin	91-44-1	1.00 - 5.00
Hydrotreated light distillate	64742-47-8	30.00 - 60.00

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

**SECTION 3. HAZARDS IDENTIFICATION****Emergency Overview**

Form : liquid  
 Colour : yellow  
 Odour : mild  
 Hazard Summary : Repeated or prolonged exposure may cause irritation of eyes and skin. Also harmful if swallowed.

Route(s) of Entry	Inhalation	Skin	Ingestion
	yes	yes	yes

## Carcinogenicity:

NTP No substance in this product is listed by NTP as a carcinogen  
 IARC No substance in this product is listed by IARC as a carcinogen  
 OSHA No substance in this product is regulated by OSHA as a carcinogen

**SECTION 4. FIRST AID MEASURES**

Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention.

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- Skin contact : Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
- Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
- Ingestion : Rinse mouth. Drink plenty of water. Obtain medical attention.

**SECTION 5. FIRE-FIGHTING MEASURES**

- Flash point : > 93.3 °C (> 199.9 °F)
- Lower explosion limit : Note: not applicable
- Upper explosion limit : Note: not applicable
- TDG Flammability Class : NONE
- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Use water spray to cool unopened containers.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

- Personal precautions : Ensure adequate ventilation.
- Methods for cleaning up : Ventilate area.  
Clean up with inert absorbant material.  
Keep in suitable, closed containers for disposal.  
Flush with plenty of water.
- Additional advice : Never return spills in original containers for re-use.

**SECTION 7. HANDLING AND STORAGE****Handling**

- Handling : Use only with adequate ventilation.

**Storage**

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Requirements for storage areas and containers : Store indoors in a cool, well-ventilated place  
**KEEP FROM FREEZING**  
 Keep containers dry and tightly closed to avoid moisture absorption and contamination.  
 Store product at temperatures between 50F and 100F.

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Trade secret registry	N.D.	N.D.
Aminocoumarin	N.D.	N.D.
Hydrotreated light distillate	5 mg/m3 As mineral oil mistN.D.	5 mg/m3 As mineral oil mistN.D.

Eye protection : Safety glasses with side-shields

Hand protection : Solvent-resistant gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time.

Hygiene measures : Avoid contact with skin, eyes and clothing.  
 Wear suitable gloves and eye/face protection.  
 Wear suitable protective clothing.  
 Wash hands before breaks and immediately after handling the product.  
 Provide adequate ventilation.  
 Do not inhale fumes.  
 Keep away from food and drink.

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

pH : 5  
at 10 g/l>Note: +/- 0.5

Freezing point : < 0 °C (< 32 °F)

Boiling point/boiling range : Note: no data available

Vapour pressure : Note: no data available

Bulk density : 7.35 lb/gal

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Water solubility : Note: Appreciable

Partition coefficient: n-octanol/water : Note: no data available

Percent of Volatile by Weight excluding water : 0

Relative density : 0.882

Evaporation rate : Note: (Water =1) Less than 1

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid : freezing  
Direct sources of heat.

Materials to avoid : Strong acids and strong bases  
Strong oxidizing agents

Hazardous decomposition products : Carbon oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity: : Mixture; Not Determined.

**Acute oral toxicity**  
Aminocoumarin : LD50, rat  
Dose: 5,000 mg/kg

**SECTION 12. ECOLOGICAL INFORMATION**

Not Available

**SECTION 13. DISPOSAL CONSIDERATIONS**

Advice on Disposal : Refer to all federal, provincial, state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

**SECTION 14. TRANSPORT INFORMATION**

Refer to Bill of Lading.

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**SECTION 15. REGULATORY INFORMATION**

<b>TSCA Status</b>	:	All components of this material comply with US TSCA requirements.
<b>SARA 313 Components</b>	:	N.D.
<b>CERCLA Reportable Quantity</b>	:	N.D.
<b>California Prop. 65</b>	:	N.D.
<b>NFPA</b>	:	1 1 0
<b>HMIS</b>	:	1 1 0 C
<b>WHMIS</b>	:	D2B: Toxic Material Causing Other Toxic Effects

**SECTION 16. OTHER INFORMATION****Further information**

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