

(11014)

Material Safety Data Sheet

Chemetall

ARDROX® 906 AEROSOL

Version 1.3
Revision Date 04/09/2012

Print Date 04/19/2013

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ARDROX® 906 AEROSOL
 MSDS Number : REL_202419

Company : Chemetall Canada, Limited
 115 EAST DRIVE
 BRAMALEA, ON L6T 1B7

Telephone : 9057911628
 Telefax : 9057911527
 MSDS prepared by : Health and Environmental Department
 Telephone : 908-464-6900
 Emergency telephone no : CHEMTREC - 800-424-9300
 Product Use : Nondestructive Testing

APPROVED MATERIAL

MAY 10 2013

MSDS # 11014

APPROVED BY *Dany R. O...*

SECTION 2. HAZARDOUS COMPONENTS INFORMATION

Component	CAS-No.	Weight percent
Ethoxylated Alcohol	84133-50-6	20.00 - 30.00
Polyoxyethylene nonylphenol	68412-54-4	5.00 - 10.00
Propane	74-98-6	10.00 - 20.00
Isobutane	75-28-5	5.00 - 10.00
Butane	106-97-8	5.00 - 10.00
Diethylene Glycol Butyl Ether	112-34-5	20.00 - 30.00
Hydrotreated light distillate	64742-47-8	20.00 - 30.00

Unidentified ingredients are considered not hazardous under Workplace Hazardous Material Information System (WHMIS).

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview

Form : aerosol
 Colour : red
 Odour : none
 Hazard Summary : Flammable/Combustible! Harmful by inhalation and if swallowed. Causes irritation of eyes and skin.

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

Carcinogenicity:

N.D. - Not Determined

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N.A. - Not Applicable

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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.

SECTION 4. FIRST AID MEASURES

Inhalation : Remove to fresh air. If symptoms persist, call a physician. If breathing is irregular or stopped, administer artificial respiration.

Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists

Eye contact : Rinse immediately with plenty of water for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.

Ingestion : Rinse mouth. Drink plenty of water. Obtain medical attention.

SECTION 5. FIRE-FIGHTING MEASURES

Flash point : Note: not applicable

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Use personal protective equipment. Ventilate the area.

Methods for cleaning up : Wear personal protective equipment. Ventilate area. Remove all heat and ignition sources. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to

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local / national regulations (see section 13).
Keep in suitable, closed containers for disposal.

Additional advice : Never return spills in original containers for re-use.

SECTION 7. HANDLING AND STORAGE

Handling

Handling : Unscrew closure slowly. Allow all pressure to escape through threads before removing closure

Storage

Requirements for storage areas and containers : Keep containers dry and tightly closed to avoid moisture absorption and contamination.
Store indoors in a cool, well-ventilated place
Keep away from open flames, hot surfaces and sources of ignition.
Keep container out of sun and away from heat.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH TLV (TWA)
Ethoxylated Alcohol	NONE
Polyoxyethylene nonylphenol	NONE
Propane	2,500 ppm
Isobutane	NONE
Butane	800 ppm
Diethylene Glycol Butyl Ether	NONE
Hydrotreated light distillate	NONE

Eye protection : Chemical resistant goggles must be worn.

Hand protection : Neoprene gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : If occupational exposure limits are exceeded, proper control and protection measures should be implemented.

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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 : Note: not applicable

Melting point/range : Note: no data available

Boiling point/boiling range : Note: no data available

Vapour pressure : Note: no data available

Bulk density : 7.78 lb/gal

Water solubility : Note: insoluble

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

Percent of Volatile by Weight excluding water : 65

Relative density : 0.93

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.
Exposure to sunlight.

Materials to avoid : Strong oxidizing agents

Hazardous decomposition products : Carbon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity: : Mixture; Not Determined.

N.D. - Not Determined

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N.A. - Not Applicable

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Acute oral toxicity
Diethylene Glycol Butyl Ether : LD50, rat
Dose: 6,560 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

No data 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.

SECTION 15. REGULATORY INFORMATION

DSL Status : All components of this material comply with the CANADA Domestic Substances List (DSL) Inventory requirements.

NFPA : 2 4 0

HMIS : 2 4 0 G

WHMIS : D2B: Toxic Material Causing Other Toxic Effects
B2: Flammable liquid
A: Compressed Gas

SECTION 16. OTHER INFORMATION

Further information

N.D.