

(11015)

Material Safety Data Sheet

Chemetall

ARDROX® 9D1B AEROSOL

Version 1.5  
Revision Date 03/09/2015

Print Date 05/15/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ARDROX® 9D1B AEROSOL  
 MSDS Number : REL\_200509A

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

Telephone : +18005264473  
 Telefax : +19084644658  
 MSDS prepared by : Health and Environmental Department  
 Telephone : 908-464-6900  
 Emergency telephone no : CHEMTREC - 800-424-9300  
 Product Use : Nondestructive Testing

APPROVED MATERIAL

JUL 22 2015

MSDS # 11015

APPROVED BY *[Signature]*

SECTION 2. HAZARDOUS COMPONENTS INFORMATION

Component	CAS-No.	Weight percent
Propane	74-98-6	10.00 - 20.00
Isobutane	75-28-5	5.00 - 10.00
Butane	106-97-8	5.00 - 10.00
ACETONE	67-64-1	40.00 - 50.00
2-Propanol	67-63-0	10.00 - 20.00
TALC	14807-96-6	5.00 - 10.00

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

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview

Form : aerosol  
 Colour : white  
 Odour : sweet  
 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:

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

N.D. - Not Determined

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N.A. - Not Applicable

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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. FIREFIGHTING 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 firefighters : 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.  
Remove all sources of ignition.
- Methods for cleaning up : 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 local / national regulations (see section 13).  
Keep in suitable, closed containers for disposal.

N.D. - Not Determined

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N.A. - Not Applicable

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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.  
Take precautionary measures against static discharges.  
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)
Propane	2,500 ppm
Isobutane	NONE
Butane	800 ppm
ACETONE	500 ppm
2-Propanol	983.000000 mg/m3
TALC	2.000000 mg/m3

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

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and protection measures should be implemented.

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: no data available

Melting point/range : Note: no data available

Boiling point/boiling range : Note: no data available

Vapour pressure : Note: no data available

Bulk density : Note: no data available

Water solubility : Note: negligible

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

Relative density : Note: no data available

**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.

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**Acute oral toxicity**ACETONE : LD50, mouse  
Dose: 3,000.000000 mg/kg2-Propanol : LD50, rat  
Dose: 5,045.000000 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  
A: Compressed Gas  
B5: Flammable aerosol**SECTION 16. OTHER INFORMATION**

Further information

N.D.

N.D. - Not Determined

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N.A. - Not Applicable

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