

**ARDROX® 5410**Version 1.1  
Revision Date 03/25/2011

Print Date 04/09/2013

**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : ARDROX® 5410  
 MSDS Number : REL\_10352

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 : Cleaning Compound

**SECTION 2. HAZARDOUS COMPONENTS INFORMATION**

Component	CAS-No.	Weight percent
1-Tetradecene	1120-36-1	60.00 - 100.00
Alcohol Ethoxylate	34398-01-1	5.00 - 10.00
Rheoilgical additive	mixture	1.00 - 5.00

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

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

Form : gel  
 Colour : tan  
 Odour : solvent-like  
 Hazard Summary : Harmful if swallowed.Repeated or prolonged exposure may cause 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  
 IARC No substance in this product is listed by IARC as a carcinogen.

N.D. - Not Determined

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N.A. - Not Applicable

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**SECTION 4. FIRST AID MEASURES**

- Inhalation : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- 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 : 106 °C (106 °C)
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available
- TDG Flammability Class : NONE
- Suitable extinguishing media : Water spray  
Foam  
Carbon dioxide (CO<sub>2</sub>)  
Dry chemical
- 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.

N.D. - Not Determined

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N.A. - Not Applicable

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

Handling : Use with adequate ventilation.

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

Component	ACGIH TLV (TWA)
1-Tetradecene	NONE
Alcohol Ethoxylate	NONE
Rheoilgical additive	NONE

Eye protection : Safety glasses with side-shields

Hand protection : Impervious gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

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 : 6.5 - 7.5  
at 60 g/l

N.D. - Not Determined

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N.A. - Not Applicable

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Freezing point	:	Note: not applicable
Boiling point/boiling range	:	Note: not applicable
Vapour pressure	:	Note: no data available
Bulk density	:	6.80 lb/gal
Water solubility	:	Note: slightly soluble
Partition coefficient: n-octanol/water	:	Note: no data available
Percent of Volatile by Weight excluding water	:	Note: no data available
Relative density	:	0.815
Evaporation rate	:	Note: (Water =1) Less than 1

**SECTION 10. STABILITY AND REACTIVITY**

Conditions to avoid	:	Direct sources of heat.
Materials to avoid	:	Acids Oxidizing agents
Hazardous decomposition products	:	Carbon dioxide (CO <sub>2</sub> ) Carbon monoxide

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity:	:	Mixture; Not Determined.
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**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.
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N.D. - Not Determined

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N.A. - Not Applicable

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**SECTION 14. TRANSPORT INFORMATION**

Refer to Bill of Lading.

**SECTION 15. REGULATORY INFORMATION**

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

**N.D.**