

**ARDROX® AV 30 AEROSOL**Version 1.4  
Revision Date 04/09/2012

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**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Product name : ARDROX® AV 30 AEROSOL  
 MSDS Number : REL\_10468027

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 percent
1,1,1,2-Tetraflouroethane	811-97-2	25.00 - 50.00
Hydrotreated heavy petroleum naphtha	64742-48-9	10.00 - 20.00
Calcium dinonylnaphthalene sulfonate	57855-77-3	5.00 - 10.00

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

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

Form : aerosol  
 Colour : light brown  
 Odour : solvent-like  
 Hazard Summary : Flammable/Combustible!Harmful by inhalation and if swallowed.Causes irritation of eyes and skin.drying, irritation and dermatitis.Contents under pressure.

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 to fresh air. If symptoms persist, call a physician. If

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	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	: 0.6 %(V)
Upper explosion limit	: 7 %(V)
Suitable extinguishing media	: 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	: Closed containers may explode when exposed to heat. Use water spray to cool unopened containers.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	: Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition.
Methods for cleaning up	: Ventilate area. Remove all heat and ignition sources. 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.

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

Handling : Use only with adequate ventilation.  
Avoid breathing vapors, mist or gas.

**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)	OSHA PEL (TWA)
1,1,1,2-Tetraflouroethane	NONE	NONE
Hydrotreated heavy petroleum naphtha	5 mg/m3 As mineral oil mist	5 mg/m3 As mineral oil mist
Calcium dinonylnaphthalene sulfonate	NONE	NONE

Eye protection : Safety glasses with side-shields

Hand protection : Impervious 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.

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

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Melting point/range	:	Note: no data available
Boiling point/boiling range	:	Note: not applicable
Vapour pressure	:	Note: no data available
Bulk density	:	7.41 lb/gal
Water solubility	:	Note: insoluble
Partition coefficient: n-octanol/water	:	Note: no data available
Percent of Volatile by Weight excluding water	:	100
Relative density	:	0.89

**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 monoxide Carbon dioxide (CO <sub>2</sub> ) Fluorocarbons Sulphur oxides

**SECTION 11. TOXICOLOGICAL INFORMATION**

Toxicity: : Mixture; Not Determined.

**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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**SECTION 14. TRANSPORT INFORMATION**

Refer to Bill of Lading.

**SECTION 15. REGULATORY INFORMATION**

<b>TSCA Status</b>	:	All components of this material comply with US TSCA requirements.
<b>SARA 313 Components</b>	:	NONE
<b>CERCLA Reportable Quantity</b>	:	NONE
<b>California Prop. 65</b>	:	N.D
<b>NFPA</b>	:	1 3 1
<b>HMIS</b>	:	1 3 1 C

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

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