

ARDROX® 185Version 1.6
Revision Date 07/13/2010

Print Date 10/10/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ARDROX® 185
 MSDS Number : REL_200155

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
Sodium Hydroxide	1310-73-2	50.00 - 55.00

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

SECTION 3. HAZARDS IDENTIFICATION**Emergency Overview**

Form : powder
 Colour : white
 Odour : none
 Hazard Summary : Causes severe burns.Harmful by inhalation and 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 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.Take off contaminated clothing and shoes

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immediately. Get medical attention immediately if irritation develops and persists

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

Ingestion : Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention immediately

SECTION 5. FIRE-FIGHTING MEASURES

Flash point : Note: does not flash

Lower explosion limit : Note: not applicable

Upper explosion limit : Note: not applicable

TDG Flammability Class : NONE

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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 : 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 : Add this product to surface of solution slowly to avoid spattering
Do not add large amounts of product to solution at any one

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time.
Do not add to hot water warmer than 43 degrees to 49 degrees C (110 degrees to 120 degrees F).
Never add liquids to product

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
Protect from direct contact with water or excessive moisture.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Sodium Hydroxide	2 mg/m3 ceiling N.D.	2 mg/m3 N.D.

Eye protection : Safety glasses with side-shields
Face-shield

Hand protection : Impervious gloves

Skin and body protection : 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.
Avoid breathing dust or vapor.
Keep away from food and drink.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

pH : > 13

Melting point/range : Note: not applicable

Boiling point/boiling range : Note: not applicable

Vapour pressure : Note: no data available

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Bulk density : 5.80 lb/gal

Water solubility : Note: completely soluble

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

Percent of Volatile by Weight excluding water : Note: no data available

Relative density : 0.70

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

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid : Exposure to moisture.

Materials to avoid : Acids

Hazardous decomposition products : Carbon oxides
Hydrogen when reacts with certain metal.

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity: : Mixture; Not Determined.

Acute oral toxicity
Sodium Hydroxide : LD₅₀, rabbit
Dose: 500 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.

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SECTION 14. TRANSPORT INFORMATION

Refer to Bill of Lading.

SECTION 15. REGULATORY INFORMATION

TSCA Status	:	All components of this material comply with US TSCA requirements.	
SARA 313 Components	:	N.D.	
CERCLA Reportable Quantity	:	Sodium Hydroxide	1,000 Pounds
California Prop. 65	:	N.D	
NFPA	:	3 0 1 Corrosive Alkaline	
HMIS	:	3 0 1 J	
WHMIS	:	E: Corrosive Material D2B: Toxic Material Causing Other Toxic Effects	

SECTION 16. OTHER INFORMATION**Further information**

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