

ARDROX® 2871Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : ARDROX® 2871
 MSDS Number : REL_11212

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
Trade Secret Registry	735517-5115P	20.00 - 60.00
Hydrogen peroxide	7722-84-1	1.00 - 13.00
Triethanolamine	102-71-6	1.00 - 5.00
Aromatic petroleum distillate	64742-94-5	1.00 - 13.00

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

SECTION 3. HAZARDS IDENTIFICATION**Emergency Overview**

Form : paste
 Colour : yellow
 Odour : mild
 Hazard Summary : Causes irritation of eyes and skin. Also 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 person to fresh air. If signs/symptoms continue, get

ARDROX® 2871Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

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

SECTION 5. FIRE-FIGHTING MEASURES

Flash point	: Note: does not flash
Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available
TDG Flammability Class	: NONE
Suitable extinguishing media	: Carbon dioxide (CO2) Dry chemical Foam Water spray
Special protective equipment for fire-fighters	: In the event of fire, wear self-contained breathing apparatus.
Further information	: Heat liberates oxygen which may intensify combustion. May have oxidizing Properties, fire risk on contact with combustible material 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. 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.

ARDROX® 2871Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

SECTION 7. HANDLING AND STORAGE**Handling**

Handling : Use with adequate ventilation.

StorageRequirements for storage areas and containers : KEEP FROM FREEZING
Store indoors in a cool, well-ventilated place
Keep containers dry and tightly closed to avoid moisture absorption and contamination.**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Component	ACGIH TLV (TWA)	OSHA PEL (TWA)
Trade Secret Registry	NONE	NONE
Hydrogen peroxide	1.4 mg/m ³	1.4 mg/m ³
Triethanolamine	5 mg/m ³	NONE
Aromatic petroleum distillate	NONE	NONE

Eye protection : Safety glasses with side-shields

Hand protection : Impervious gloves

Skin and body protection : Rubber or plastic apron

Respiratory protection : If the occupational exposure limits cannot be met, suitable respirator equipment shall be worn.

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 - 7

ARDROX® 2871Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

Melting point/range	: < -20.5 °C (< -4.9 °F)
Boiling point/boiling range	: Note: no data available
Vapour pressure	: Note: no data available
Bulk density	: 8.67 lb/gal
Water solubility	: Note: partly soluble
Partition coefficient: n-octanol/water	: Note: no data available
Percent of Volatile by Weight excluding water	: 42.95
Relative density	: 1.039
Evaporation rate	: Note: (Water =1) Less than 1

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: freezing Direct sources of heat.
Materials to avoid	: Acids Bases Combustible material Reducing agents Nitrous acid and other nitrosating agents
Hazardous decomposition products	: Carbon dioxide (CO ₂) Carbon monoxide Oxygen nitrogen oxides (NO _x)

SECTION 11. TOXICOLOGICAL INFORMATION

Toxicity:	: Mixture; Not Determined.
Acute oral toxicity Benzyl Alcohol	: LD50, rat Dose: 1,230 mg/kg
Hydrogen peroxide	: LD50, mouse Dose: 2,000 mg/kg
Triethanolamine	: LD50, rat

ARDROX® 2871

Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

Dose: 8,000 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

TSCA Status : All components of this material comply with US TSCA requirements.

SARA 313 Components : NONE

CERCLA Reportable Quantity : NONE

California Prop. 65 : N.D

NFPA : 2 1 1

HMIS : 2 1 1 G

WHMIS : D2B: Toxic Material Causing Other Toxic Effects

SECTION 16. OTHER INFORMATION
Further information

Chemetall US, Inc. warrants that the products described herein will conform with its published specifications. The products supplied by Chemetall and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Chemetall materials for their own particular purpose. Since buyer's conditions of use of products are beyond Chemetall's control, Chemetall does not warrant any recommendations and information for the use of such products. CHEMETALL DISCLAIMS ALL OTHER WARRANTIES INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE IN CONNECTION WITH THE USE OF ITS

ARDROX[®] 2871

Version 1.4
Revision Date 05/10/2011

Print Date 08/24/2012

PRODUCTS.