

Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

Page: 1/9
(30687364/SDU_GEN_CA/EN)

1. Identification

Product identifier used on the label

11866027 Ardrox 8032, Aerosol(12x1)

Recommended use of the chemical and restriction on use

Recommended use*: Nondestructive Testing

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

Chemetall Canada Limited.
1 Kenview Blvd, Unit 110
Brampton, ON L6T 5E6
CANADA

Telephone: +1 905 791-1628
E-mail address: michael.l.chang@basf.com

Emergency telephone number

Telephone: 800-424-9300, +1-703-527-3887

Other means of identification

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	Aerosol containing a compressed gas
Colour	black
Odour	hydrocarbon-like
Hazard Summary	Flammable/Combustible! Harmful by inhalation and if swallowed. Causes irritation of eyes

Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

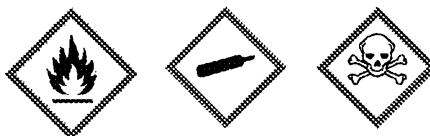
Page: 2/9
(30687364/SDU_GEN_CA/EN)

GHS Classification

Flammable aerosols : Category 1
Gases under pressure : Compressed gas
Acute toxicity (Inhalation) : Category 2
Eye irritation : Category 2B

GHS label elements

Hazard pictograms :



Signal word : Danger

Hazard statements : Extremely flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes eye irritation.
Fatal if inhaled.

Precautionary statements : **Prevention:**
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
Wash skin thoroughly after handling.
Use only outdoors or in a well-ventilated area. (THIS STATEMENT APPLIES TO THE CONCENTRATE ONLY, NOT WHEN DILUTED WITH WATER FOR USE).
Wear respiratory protection.

Response:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

Storage:

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Inhalation : yes

Skin : no

Safety Data Sheet

11866027 Ardrex 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

Page: 3/9
(30687364/SDU_GEN_CA/EN)

Ingestion : yes

Aggravated Medical Condition : None known.

Carcinogenicity:

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH

Confirmed animal carcinogen with unknown relevance to humans

Distillates (petroleum),
hydrotreated light

64742-47-8

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :

Hazardous components

Component	CAS-No.	Weight percent
Distillates (petroleum), hydrotreated light	64742-47-8	50 - 70
Butane	106-97-8	20 - 30
Propane	74-98-6	5 - 10

Unidentified ingredients are considered not hazardous, or not required to be listed under Workplace Hazardous Material Information System (WHMIS).

SECTION 4. FIRST AID MEASURES

- If inhaled : Remove to fresh air.
If symptoms persist, call a physician.
If breathing is irregular or stopped, administer artificial respiration.
- In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Get medical attention if irritation develops and persists
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Keep eye wide open while rinsing.
Seek medical advice.
- If swallowed : Rinse mouth.
Drink plenty of water.
Obtain medical attention.

Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018

Version: 1.0

Page: 4/9

(30687364/SDU_GEN_CA/EN)

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Carbon dioxide (CO2)
Alcohol-resistant foam
Dry chemical
- Further information : Use water spray to cool unopened containers.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Ensure adequate ventilation.
Use personal protective equipment.
Material can create slippery conditions.
- Methods and materials for containment and cleaning up : 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).
Sweep up and shovel into suitable containers for disposal.
Do not flush into surface water or sanitary sewer system.
Do not place spilled materials back into the original container.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Use with adequate ventilation.
- Conditions for safe storage : 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

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Distillates (petroleum), hydrotreated light	64742-47-8	TWA	200.000000 mg/m3 (As total hydrocarbon vapour)	CA BC OEL
		TWA	200.000000	CA AB OEL

Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018

Page: 5/9

Version: 1.0

(30687364/SDU_GEN_CA/EN)

			mg/m3 (As total hydrocarbon vapour)	
		TWA (Mist)	5.000000 mg/m3	CA AB OEL
		STEL (Mist)	10.000000 mg/m3	CA AB OEL
		TWAEV (Mist)	5.000000 mg/m3	CA QC OEL
		STEV (Mist)	10.000000 mg/m3	CA QC OEL
		TWA	525.000000 mg/m3	CA ON OEL
		TWA	200.000000 mg/m3 (total hydrocarbon vapor)	CA BC OEL
		TWA	200.000000 mg/m3 (total hydrocarbon vapor)	CA AB OEL
		TWA	200.000000 mg/m3 (total hydrocarbon vapor)	ACGIH
Butane	106-97-8	TWA	1,000 ppm	CA AB OEL
		TWA	600 ppm	CA BC OEL
		STEL	750 ppm	CA BC OEL
		TWAEV	800 ppm 1,900.000000 mg/m3	CA QC OEL
		TWA	800 ppm	CA ON OEL
		STEL	1,000 ppm	ACGIH
Propane	74-98-6	TWA	1,000 ppm	CA AB OEL
		TWA	1,000 ppm	CA BC OEL
		TWAEV	1,000 ppm 1,800.000000 mg/m3	CA QC OEL
		TWA	1,000 ppm	CA ON OEL

Personal protective equipment

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

Eye protection : Chemical resistant goggles must be worn.

Skin and body protection : Chemical resistant apron

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.

Safety Data Sheet

11866027 Ardrex 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

Page: 6/9
(30687364/SDU_GEN_CA/EN)

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Aerosol containing a compressed gas
Colour	: black
Odour	: hydrocarbon-like
pH	: Not applicable
Freezing point	: Not applicable
Boiling point/boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: < 1 Water = 1
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative density	: 0.82
Bulk density	: 6.86 lb/gal
Solubility(ies)	
Water solubility	: insoluble
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: not determined
Thermal decomposition	: No data available
Viscosity, dynamic	: No data available

SECTION 10. STABILITY AND REACTIVITY

Conditions to avoid	: Heat, flames and sparks. Exposure to sunlight.
Incompatible materials	: Strong oxidizing agents
Hazardous decomposition products	: Halogenated compounds

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Components:

Distillates (petroleum), hydrotreated light:

Safety Data Sheet

11866027 Ardrex 8032, Aerosol(12x1)

Revision date : 08.01.2018

Version: 1.0

Page: 7/9

(30687364/SDU_GEN_CA/EN)

Acute oral toxicity : LD50 Rat: 5,000.000000 mg/kg

Butane:

Acute inhalation toxicity : LC50 Mouse: 1,237.000000 mg/l
Exposure time: 2 h
Test atmosphere: vapour

Acute toxicity (other routes of administration) : Humans:
Target Organs: Central nervous system

Propane:

Acute inhalation toxicity : LC50 Rat: 658.000000 mg/l
Exposure time: 4 h
Test atmosphere: gas

Skin corrosion/irritation

Components:

Distillates (petroleum), hydrotreated light:
Result: Mild skin irritation

Serious eye damage/eye irritation

Components:

Distillates (petroleum), hydrotreated light:
Result: Mild eye irritation

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

Page: 8/9
(30687364/SDU_GEN_CA/EN)

No data available

Bioaccumulative potential

Product:

Partition coefficient: : Remarks: No data available
n-octanol/water

Other adverse effects

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : 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

International Regulations

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

SECTION 15. REGULATORY INFORMATION

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

Canadian lists

Canadian National Pollutant Release Inventory (NPRI)

Canadian National Pollutant Release Inventory (NPRI): No component is listed on NPRI.

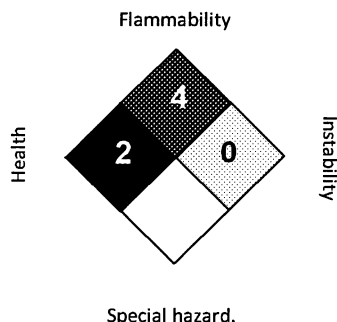
Safety Data Sheet

11866027 Ardrox 8032, Aerosol(12x1)

Revision date : 08.01.2018
Version: 1.0

Page: 9/9
(30687364/SDU_GEN_CA/EN)

NFPA:



HMIS III:

HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Splash Goggles, Gloves, Apron, Vapour
Respirator

SECTION 16. OTHER INFORMATION

Further information

Version 1.3
Revision Date 01/06/2018

Date of Last Revision 05/26/2017

SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations
SDS Prepared on: 08.01.2018

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.

The content of this Safety Data Sheet (SDS) is based on an existing document from an acquired company with adaptations to Section I. The data is currently under validation.

END OF DATA SHEET

