

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23
Version: 1.1

Page: 1/9
(30687711/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

ARDROX 9PR50

Recommended use of the chemical and restriction on use

Recommended use*: Detergents; Restricted to professional users.
Unsuitable for use: None known

* 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
+1 905 791-1628
sds.na-chemetall@basf.com

Emergency telephone number

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

Other means of identification

2. Hazards Identification

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Classification of the product

Asp. Tox.	1	Aspiration hazard
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic
Flam. Liq.	2	Flammable liquids
Acute Tox.	3 (Inhalation - vapour)	Acute toxicity
Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
Repr.	2 (fertility)	Reproductive toxicity
Repr.	2 (unborn child)	Reproductive toxicity

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23

Page: 2/9

Version: 1.1

(30687711/SDS_GEN_CA/EN)

STOT SE	3 (Vapours may cause drowsiness and dizziness.)	Specific target organ toxicity — single exposure
STOT RE	2	Specific target organ toxicity — repeated exposure
Aquatic Acute	2	Hazardous to the aquatic environment - acute

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

H319	Causes serious eye irritation.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H411	Toxic to aquatic life with long lasting effects.
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H373	May cause damage to organs through prolonged or repeated exposure.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility. Suspected of damaging the unborn child.

Precautionary Statements (Prevention):

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P201	Obtain special instructions before use.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P273	Avoid release to the environment.
P260	Do not breathe dust or mist.
P202	Do not handle until all safety precautions have been read and understood.
P240	Ground and bond container and receiving equipment.
P233	Keep container tightly closed.
P243	Take action to prevent static discharges.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P281	Use personal protective equipment as required.
P264	Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23

Page: 3/9

Version: 1.1

(30687711/SDS_GEN_CA/EN)

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P370 + P378	In case of fire: Use water spray for extinction.
P311	Call a POISON CENTER or doctor/physician.
P391	Collect spillage.
P331	Do NOT induce vomiting.
P314	Get medical advice/attention if you feel unwell.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P321	Specific treatment (see on this label).
P362 + P364	Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Precautionary Statements (Disposal):

P501	Dispose of contents/container to hazardous or special waste collection point.
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Hazards not otherwise classified

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
111-65-9	>= 7.0 - < 10.0%	octane
142-82-5	>= 7.0 - < 10.0%	heptane
64742-89-8	>= 75.0 - <= 100.0%	solvent naphtha (petroleum), light aliph.

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. Remove affected person from danger area. Remove contaminated clothes, undergarments and shoes immediately. Call a poison control center or physician for treatment advice.

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23
Version: 1.1

Page: 4/9
(30687711/SDS_GEN_CA/EN)

If inhaled:

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice.

If on skin:

Wash affected areas thoroughly with soap and water. If symptoms persist, seek medical advice.

If in eyes:

Rinse immediately with plenty of water, also under the eyelids, for at least 30 minutes. Seek medical attention.

If swallowed:

Rinse mouth immediately with water. Do not induce vomiting. Obtain medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Hazards: When inhaled (e.g. during vomiting) risk of pulmonary oedema and/or pneumonia.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat symptomatically.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
carbon dioxide, dry powder, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:
water

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon oxides

Advice for fire-fighters

Protective equipment for fire-fighting:
Appropriate breathing apparatus may be required.

Further information:

Cool endangered containers with water-spray. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23

Version: 1.1

Page: 5/9

(30687711/SDS_GEN_CA/EN)

Use personal protective clothing. Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

Environmental precautions

Do not discharge into drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

Methods and material for containment and cleaning up

Ensure adequate ventilation. Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal according with the waste regulations (see section 13). Clean preferably with a detergent; avoid the use of solvents.

7. Handling and Storage

Precautions for safe handling

Do not return residues to the storage containers. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid inhalation of vapour and spray mist. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Keep away from food, drink and animal feeding stuffs. Warn users about safety measures and precautions to prevent accidents.

Protection against fire and explosion:

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours may form explosive mixture with air. The relevant fire protection measures should be noted. Use explosion-proof equipment.

Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP), Paper/Fibreboard, Carbon steel (Iron), tinned carbon steel (Tinplate)

Further information on storage conditions: The entrance to storage rooms is to be granted only to appropriately trained personnel. Keep only in the original container. Keep container tightly closed in a cool, well-ventilated place. Avoid direct sunlight.

Storage stability:

Storage duration: 36 Months

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

octane	ACGIH TLV	TWA value 300 ppm ;
heptane	OSHA PEL	PEL 500 ppm 2,000 mg/m ³ ; STEL value 500 ppm 2,000 mg/m ³ ; TWA value 400 ppm 1,600 mg/m ³ ;
	ACGIH TLV	TWA value 400 ppm ; STEL value 500 ppm ;
solvent naphtha (petroleum), light aliph.	OSHA PEL	PEL 100 ppm 400 mg/m ³ ; TWA value 100 ppm 400 mg/m ³ ;

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23

Version: 1.1

Page: 6/9

(30687711/SDS_GEN_CA/EN)

Advice on system design:

Use only in well-ventilated areas.

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate.

Hand protection:

chloroprene rubber (Neoprene), Use suitable protective gloves made of nitrile rubber or butyl rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions., Chemical resistant protective gloves (EN 374), Further information on penetration time is available from the manufacturer of the glove., The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Eye wash fountains and safety showers must be easily accessible. Do not breathe vapour/spray. Avoid contact with the skin, eyes and clothing. Take off immediately all contaminated clothing. Keep away from food, drink and animal feeding stuffs. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

Form:	liquid
Odour:	mild
Colour:	colourless
pH value:	not applicable
Melting point:	not determined
Boiling point:	not determined
Flash point:	14 °C
Flammability:	Highly flammable liquid and vapour.
Lower explosion limit:	1.2 %(V)
Upper explosion limit:	6 %(V)
Autoignition:	not determined
Vapour pressure:	(20 °C) not determined
Density:	0.738 g/cm ³ (20 °C)
Partitioning coefficient n-octanol/water (log Pow):	No data available.
Miscibility with water:	immiscible

10. Stability and Reactivity

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23
Version: 1.1

Page: 7/9
(30687711/SDS_GEN_CA/EN)

not fire-propagating

Chemical stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions

Vapours may form explosive mixture with air.

Conditions to avoid

Avoid direct sunlight. Avoid all sources of ignition: heat, sparks, open flame.

Incompatible materials

Hazardous decomposition products

Decomposition products:

Possible decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Inhalation

Type of value: ATE

Value: 3.0000 mg/l

Determined for vapor

Sensitization

Assessment of sensitization: Based on the ingredients, there is no suspicion of a skin-sensitizing potential.

Chronic Toxicity/Effects

Genetic toxicity

Assessment of mutagenicity: Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity: Based on available Data, the classification criteria are not met.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

Bioaccumulative potential

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23
Version: 1.1

Page: 8/9
(30687711/SDS_GEN_CA/EN)

Bioaccumulation potential

No data available.

Mobility in soil

Assessment transport between environmental compartments

No data available.

13. Disposal considerations

Waste disposal of substance:

Observe national and local legal requirements.

Container disposal:

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

14. Transport Information

Land transport

TDG

Hazard class: 3
Packing group: II
ID number: UN 1992
Hazard label: 3, 6.1
Proper shipping name: FLAMMABLE LIQUID, TOXIC, N.O.S. (contains HEPTANE, solvent naphtha (petroleum), light aliph.)

Sea transport

IMDG

Hazard class: 3
Packing group: II
ID number: UN 1992
Hazard label: 3, 6.1, EHSM
Marine pollutant: YES
Proper shipping name: FLAMMABLE LIQUID, TOXIC, N.O.S. (contains HEPTANE, solvent naphtha (petroleum), light aliph.)

Air transport

IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1992
Hazard label: 3, 6.1
Proper shipping name: FLAMMABLE LIQUID, TOXIC, N.O.S. (contains HEPTANE, solvent naphtha (petroleum), light aliph.)

15. Regulatory Information

Federal Regulations

Safety Data Sheet

ARDROX 9PR50

Revision date : 2018/11/23

Version: 1.1

Page: 9/9

(30687711/SDS_GEN_CA/EN)

Registration status:

Chemical DSL, CA released / listed

NFPA Hazard codes:

Health: 1 Fire: 3 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

Chemetall (now part of BASF Group) NA Product Regulations

SDS Prepared on: 2018/11/23

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