

ASHLAND®		Page: 1
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

29 CFR 1910.1200 (OSHA HazCom 2012)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Trade name : CONAROM P-2

Recommended use of the chemical and restrictions on use

Use of the Substance/Mixture : preservative


Details of the supplier of the safety data sheet Ashland P.O. Box 2219 Columbus, OH 43216 United States of America EHS Customer Requests@ashland.com	Emergency telephone number 1-800-ASHLAND (1-800-274-5263) Regulatory Information Number 1-800-325-3751 Product Information 614-790-3333
--	---

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Eye irritation : Category 2A

GHS Label element

Hazard pictograms : 

Signal Word : Warning

Hazard Statements : Causes serious eye irritation.

Precautionary Statements : **Prevention:**
 Wash skin thoroughly after handling.
 Wear eye protection/ face protection.
Response:
 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.

ASHLAND		Page: 2
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 10 %
 The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 10 %
 The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 10 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical Name	CAS-No.	Classification	Concentration (%)
PHENYLETHANOL	60-12-8	Acute Tox. 4; H302 Eye Irrit. 2A; H319	60.00
1,2-OCTANEDIOL	1117-86-8	Eye Irrit. 2A; H319	20.00

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
 Show this safety data sheet to the doctor in attendance.
 Do not leave the victim unattended.

If inhaled : If breathed in, move person into fresh air.
 If unconscious place in recovery position and seek medical advice.
 If symptoms persist, call a physician.

In case of skin contact : First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water.

In case of eye contact : Immediately flush eye(s) with plenty of water.
 Remove contact lenses.
 Protect unharmed eye.

If swallowed : IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.

ASHLAND		Page: 3
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Most important symptoms and effects, both acute and delayed : Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:
 stomach or intestinal upset (nausea, vomiting, diarrhea)
 irritation (nose, throat, airways)
 Causes serious eye irritation.
 Causes serious eye irritation.

Notes to physician : No hazards which require special first aid measures.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
 Water spray
 Foam
 Carbon dioxide (CO2)
 Dry chemical

Unsuitable extinguishing media : High volume water jet

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
 Bromine
 carbon dioxide and carbon monoxide
 Hydrocarbons
 Nitrogen oxides (NOx)

Hazardous combustion products : Bromine
 carbon dioxide and carbon monoxide
 Hydrocarbons
 Nitrogen oxides (NOx)

Specific extinguishing methods : Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

ASHLAND		Page: 4
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Keep in suitable, closed containers for disposal.
- Other information : Comply with all applicable federal, state, and local regulations.

SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : Do not breathe vapours/dust.
Do not smoke.
Dispose of rinse water in accordance with local and national regulations.
Container hazardous when empty.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

- Engineering measures** : Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Personal protective equipment

- Hand protection
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.
- Eye protection : Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.
- Skin and body protection : Wear resistant gloves (consult your safety equipment supplier).

ASHLAND		Page: 5
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Wear as appropriate:
 impervious clothing
 Safety shoes
 Choose body protection according to the amount and concentration of the dangerous substance at the work place.
 Discard gloves that show tears, pinholes, or signs of wear.

Hygiene measures : Wash hands before breaks and at the end of workday.
 When using do not eat or drink.
 When using do not smoke.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Aqueous solution

Physical state : liquid

Colour : clear

Odour : not significant

Odour Threshold : No data available

pH : No data available

: No data available

: No data available

Flash point : Not applicable

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : No data available

Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n- : No data available

ASHLAND®		Page: 6
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

octanol/water

Thermal decomposition : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : No data available

Oxidizing properties : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization.

Conditions to avoid : Exposure to moisture

Incompatible materials : Acids
Strong bases
Strong oxidizing agents
strong reducing agents
water
Humid air

Hazardous decomposition products : carbon dioxide and carbon monoxide
Hydrocarbons

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation
Skin contact
Eye Contact
Ingestion

Acute toxicity

Not classified based on available information.

Components:

PHENYLETHANOL:

Acute oral toxicity : LD50 (Rat): 1,603 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC 50 (Rat): > 4.63 mg/l
Exposure time: 4 h

ASHLAND		Page: 7
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Test atmosphere: dust/mist
 Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Acute dermal toxicity : LD50 (Rabbit): 2,535 mg/kg
 Method: OECD Test Guideline 402

1,2-OCTANEDIOL:
 Acute oral toxicity : LD 50 (Rat): > 2,000 mg/kg
 Method: OECD Test Guideline 401
 GLP: yes
 Assessment: No adverse effect has been observed in acute oral toxicity tests.

Acute inhalation toxicity : LC 50 (Rat): > 7.015 mg/l
 Exposure time: 4 h
 Test atmosphere: dust/mist
 Method: OECD Test Guideline 403
 Remarks: Information given is based on data obtained from similar substances.

Skin corrosion/irritation

Not classified based on available information.

Product:

Remarks: May cause skin irritation in susceptible persons.

Components:

PHENYLETHANOL:
 Result: Slightly irritating to skin

1,2-OCTANEDIOL:
 Species: Rabbit
 Result: Not irritating to skin

Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: Vapours may cause irritation to the eyes, respiratory system and the skin., Causes serious eye irritation.

Components:

PHENYLETHANOL:
 Species: Rabbit
 Result: Irritating to eyes
 Method: in vivo

1,2-OCTANEDIOL:
 Result: Irritating to eyes

Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.
 Respiratory sensitisation: Not classified based on available information.

Components:

PHENYLETHANOL:

ASHLAND®		Page: 8
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Test Type: Local lymph node assay
Species: Mouse
Assessment: Did not cause sensitisation on laboratory animals.
Method: OECD Test Guideline 429

1,2-OCTANEDIOL:
Test Type: Local lymph node assay
Species: Mouse
Assessment: Did not cause sensitisation on laboratory animals.
Method: OECD Test Guideline 429
Result: Did not cause sensitisation on laboratory animals.
GLP: yes

Germ cell mutagenicity

Not classified based on available information.

Components:

PHENYLETHANOL:

Genotoxicity in vitro : Test Type: Ames test
Test species: Salmonella typhimurium
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

1,2-OCTANEDIOL:
Genotoxicity in vitro : Test Type: Ames test
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 476
Result: negative
GLP: yes

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

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.

OSHA No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No component of this product present at levels greater than or

ASHLAND®		Page: 9
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Further information

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 10 %

Components:

PHENYLETHANOL:

- Toxicity to fish : (Leuciscus idus (Golden orfe)): > 214 - < 464 mg/l
 Exposure time: 96 h
 Test Type: static test
 Method: DIN 38412
- Toxicity to daphnia and other aquatic invertebrates : EC50 (Water flea (Daphnia magna)): 287 mg/l
 Exposure time: 48 h
 Test Type: static test
 Method: Directive 67/548/EEC, Annex V, C.2.
- Toxicity to algae : EC50 (Desmodesmus subspicatus (green algae)): 1.3 mg/l
 End point: Growth inhibition
 Exposure time: 72 h
 Test Type: static test
 Method: DIN 38412

1,2-OCTANEDIOL:

- Toxicity to fish : LC 50 (Danio rerio (zebra fish)): > 2.2 - < 22.2 mg/l
 Exposure time: 96 h
 Test Type: static test
- Toxicity to daphnia and other aquatic invertebrates : EC 50 (Water flea (Daphnia magna)): 176 mg/l
 Exposure time: 48 h
 Test Type: semi-static test
 Method: OECD Test Guideline 202
- Toxicity to algae : EC 50 (Pseudokirchneriella subcapitata (green algae)): 35 mg/l
 End point: Growth inhibition
 Exposure time: 72 h
 Method: OECD Test Guideline 201
 GLP: yes

Persistence and degradability

Components:

PHENYLETHANOL:

ASHLAND®		Page: 10
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Biodegradability : Result: Readily biodegradable
Method: OECD Test Guideline 301B

1,2-OCTANEDIOL:

Biodegradability : Result: Readily biodegradable
Biodegradation: 75 %
Exposure time: 28 d
Method: OECD Test Guideline 301D
Remarks: Readily biodegradable

Bioaccumulative potential

Components:

PHENYLETHANOL:
Partition coefficient: n-octanol/water : log Pow: 1.36

1,2-OCTANEDIOL:
Partition coefficient: n-octanol/water : log Pow: 1.0

Mobility in soil

Components:

No data available

Other adverse effects

No data available

Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life.

Components:

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

General advice : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and federal regulations.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

ASHLAND®		Page: 11
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

SECTION 14. TRANSPORT INFORMATION

International transport regulations

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.

U.S. DOT - ROAD

Not dangerous goods

U.S. DOT - RAIL

Not dangerous goods

U.S. DOT - INLAND WATERWAYS

Not dangerous goods

TRANSPORT CANADA - ROAD

Not dangerous goods

TRANSPORT CANADA - RAIL

Not dangerous goods

TRANSPORT CANADA - INLAND WATERWAYS

Not dangerous goods

INTERNATIONAL MARITIME DANGEROUS GOODS

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

Not dangerous goods

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

Not dangerous goods

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

Not dangerous goods

*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

ASHLAND		Page: 12
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

Marine pollutant	no
------------------	----

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards : Acute Health Hazard

SARA 313 Component(s)SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop 65 : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

TSCA : Not On TSCA Inventory

DSL : This product contains one or several components that are not on the Canadian DSL and have annual quantity limits.

AUSTR : Not in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECL : Not in compliance with the inventory

PICCS : Not in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECL (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

ASHLAND		Page: 13
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

SECTION 16. OTHER INFORMATION

Further information

Revision Date: 05/26/2015

NFPA:	HMIS III:						
<p>Flammability</p> <p>Health</p> <p>Instability</p> <p>Special hazard.</p>	<table border="1"> <tr> <td>HEALTH</td> <td>2</td> </tr> <tr> <td>FLAMMABILITY</td> <td>0</td> </tr> <tr> <td>PHYSICAL HAZARD</td> <td>0</td> </tr> </table> <p>0 = not significant, 1 =Slight, 2 = Moderate, 3 = High 4 = Extreme, * = Chronic</p>	HEALTH	2	FLAMMABILITY	0	PHYSICAL HAZARD	0
HEALTH	2						
FLAMMABILITY	0						
PHYSICAL HAZARD	0						

NFPA Flammable and Combustible Liquids Classification

Not applicable

Full text of H-Statements referred to under sections 2 and 3.

H302 Harmful if swallowed.
H319 Causes serious eye irritation.

Sources of key data used to compile the Safety Data Sheet

Ashland internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet :

ACGIH : American Conference of Industrial Hygienists

BEI : Biological Exposure Index

CAS : Chemical Abstracts Service (Division of the American Chemical Society).

CMR : Carcinogenic, Mutagenic or Toxic for Reproduction

FG : Food grade

GHS : Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA : International Air Transport Association.

ASHLAND®		Page: 14
SAFETY DATA SHEET		Revision Date: 05/26/2015
		Print Date: 5/26/2015
		SDS Number: 000000258543
CONAROM P-2		Version: 1.0
862801		

IATA-DGR : Dangerous Goods Regulation by the “International Air Transport Association” (IATA).

ICAO : International Civil Aviation Organization
 ICAO-TI (ICAO) : Technical Instructions by the “International Civil Aviation Organization”
 IMDG : International Maritime Code for Dangerous Goods
 ISO : International Organization for Standardization
 logPow : octanol-water partition coefficient
 LCxx : Lethal Concentration, for xx percent of test population
 LDxx : Lethal Dose, for xx percent of test population.
 ICxx : Inhibitory Concentration for xx of a substance
 Ecxx : Effective Concentration of xx
 N.O.S.: Not Otherwise Specified
 OECD : Organization for Economic Co-operation and Development
 OEL : Occupational Exposure Limit
 P-Statement : Precautionary Statement
 PBT : Persistent , Bioaccumulative and Toxic
 PPE : Personal Protective Equipment
 STEL : Short-term exposure limit
 STOT : Specific Target Organ Toxicity
 TLV : Threshold Limit Value
 TWA : Time-weighted average
 vPvB : Very Persistent and Very Bioaccumulative
 WEL : Workplace Exposure Level

CERCLA : Comprehensive Environmental Response, Compensation, and Liability Act
 DOT : Department of Transportation
 FIFRA : Federal Insecticide, Fungicide, and Rodenticide Act
 HMIRC : Hazardous Materials Information Review Commission
 HMIS : Hazardous Materials Identification System
 NFPA : National Fire Protection Association
 NIOSH : National Institute for Occupational Safety and Health
 OSHA : Occupational Safety and Health Administration
 PMRA : Health Canada Pest Management Regulatory Agency
 RTK : Right to Know
 WHMIS : Workplace Hazardous Materials Information System