

MATERIAL SAFETY DATA SHEET
NIPACIDE PX

Page 1

Substance key: 000000060202
Version : 1 - 7 / USARevision Date: 12/26/2007
Date of printing :12/27/2007**Section 01 - Product Information****Identification of the company:**Clariant Corporation
4000 Monroe Road
Charlotte, NC, 28205
Telephone No.: +1 704-331-7000**Information of the substance/preparation:**

Product Safety 1-704-331-7710

Emergency tel. number: +1 800-424-9300 CHEMTREC**Trade name:****NIPACIDE PX****Synonyms:**

4-chloro-3,5-dimethylphenol

Formula:

C8 H9 Cl O

Primary product use:

Personal Care

Chemical family:

p-Chloro-m-xlenol; Chlorxlenol; 4-Chloro-3,5-xlenol ,PCMX

Section 02 - Composition information on hazardous ingredients**Hazardous ingredients:**

Component	CAS-no. (Trade secret no.)	Concentration
4-Chloro-3,5-Xlenol	88-04-0	100 %
Particulates Not Otherwise Regulated (PNOR)		> 1 %

Section 03 - Hazards identification**Emergency overview:**White, crystalline powder.
May cause dust explosions.
Irritating on contact or inhalation.
Potential sensitizer.
Toxic to aquatic organisms**Expected Route of entry:****Inhalation:**Harmful by inhalation.
Inhalation of vapours or powders of the product is extremely irritating.**Skin contact:**Irritating to skin.
Causes burns.
May cause sensitization by skin contact.**Eye contact:**Irritating to eyes.
Causes irritation and lacrimation to eyes.
Causes burns in eyes and mucous membranes.**Ingestion:**Harmful if swallowed.
Causes severe burns in mouth, mucous membrane

MATERIAL SAFETY DATA SHEET

NIPACIDE PX

Page 2

Substance key: 000000060202
Version : 1 - 7 / USA

Revision Date: 12/26/2007
Date of printing :12/27/2007

and oesophagal. Have a toxic effect in organism.

Health effects of exposure:

Chloroxylenol (88-04-0)

Chloroxylenol: A severe to corrosive eye irritant that can cause serious and permanent eye damage. Chloroxylenol is only a slight irritant to rabbit skin, but repeated prolonged contact with undiluted material, may cause irritation, swelling, and fissuring of the skin. It is a mild skin sensitizer in humans and may cause allergic skin reactions in some individuals. Chloroxylenol demonstrates moderate to low acute toxicity via ingestion, inhalation, and dermal routes of exposure. Inhalation may cause irritation of mucous membranes and the upper respiratory tract. Symptoms may include coughing, wheezing, and shortness of breath. Ingestion may cause nausea, abdominal pain and vomiting. Chloroxylenol showed no evidence of mutagenicity or genetic toxicity. Aquatic toxicity testing indicates that chloroxylenol is highly toxic to freshwater fish and moderately toxic to invertebrates. LD50(oral)(rat): 3,830 mg/kg. LD50(dermal) (rat): >2,000 mg/kg. LC50 (inhalation)(rat): >6.29 mg/l 96 hour. LC50 (rainbow trout): 0.77 mg/l 48 hour. LC50 (bluegill sunfish): 2.6 mg/l. LC50 (daphnia magna): 7.7 mg/l 96 hour.

Known effects on other illnesses:

No known effects on other illnesses for this product.

Listed carcinogen:

IARC: No
NTP: No
OSHA: No
Other: No

HMIS:

Health: 3

Flammability: 1

Reactivity: 0

Personal protection: E

Section 04 - First aid measures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious.

After contact with skin:

Remove contaminated clothing. Flush all affected areas with large amounts of water for at least 15 minutes. Seek medical attention immediately.

After contact with eyes:

Immediately flush eyes with large amounts of water for at least 15 minutes, holding lids apart to ensure flushing of the entire surface. Washing eyes within 1 minute is essential to achieve maximum effectiveness. Seek medical attention immediately.

After ingestion:

If ingested, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person..

Advice to doctor / Treatment:

Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

MATERIAL SAFETY DATA SHEET

NIPACIDE PX

Page 3

Substance key: 000000060202
Version : 1 - 7 / USA

Revision Date: 12/26/2007
Date of printing :12/27/2007

Section 05 - Fire fighting measures

Flashpoint: 280 °F

Hazardous combustion products:

In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO)
Hydrogen chloride (HCl)

Extinguishing media: water spray jet
foam
dry powder
carbon dioxide

Special fire fighting procedure:

Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.

Unusual fire and explosion hazards:

Emits toxic fumes under fire conditions. This product presents no unusual fire or explosion hazards while sealed in a shipping container. During usage, if a dust cloud is generated, organic powders have the potential to be explosive with static spark or flame initiation.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wear proper protective equipment. Carefully shovel or sweep up spilled material and place in suitable container. Avoid generating dust. Do not discharge into storm drains or the aquatic environment.

Section 07 - Handling and storage

Advice on safe handling:

Store in original container, tightly closed and in a safe place. Do not use or store near heat or open flame. Do not contaminate water, food or feed by storage or disposal.

Further info on storage conditions:

Store in original container.
Keep containers closed.

Section 08 - Exposure controls / personal protection

Occupational exposure limits:

Component	CAS number:	Regulatory list	Type of value	Values / Remarks
PARTICULATES NOT OTHERWISE REGULATED RESPIRABLE FRACTION		US OSHA Table Z-1 Limits for Air Contaminants [29 CFR 1910.1000]	8-hour Time Weighted Averages	5 mg/m3
PARTICULATES NOT OTHERWISE REGULATED TOTAL DUST		US OSHA Table Z-1 Limits for Air Contaminants [29 CFR 1910.1000]	8-hour Time Weighted Averages	15 mg/m3

MATERIAL SAFETY DATA SHEET

NIPACIDE PX

Page 4

Substance key: 000000060202
Version : 1 - 7 / USA

Revision Date: 12/26/2007
Date of printing :12/27/2007

Respiratory protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134
Hand protection:	Butyl Rubber, PVC Or Neoprene.
Eye protection:	As required, a niosh approved respirator with a full facepiece will give eye protection, or chemical splash proof goggles and a faceshield.
Other protective equipment:	Protective clothing to minimize skin contact should be worn. Chemically resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eyewash stations should be provided in all areas where this material is handled.
Advice on system design:	Use adequate exhaust ventilation and/or dust collection to keep dust levels below exposure limits.
IDLH:	Not Determined

Section 09 - Physical and chemical properties

Form:	crystals
Color:	white to beige
Odor:	slightly phenolic
pH:	7 (0.2 g/l)
Solubility in water:	0.3 g/l insoluble
Density:	0.67 g/cm3
Melting point :	237 - 240 °F
Boiling temperature :	474 °F
Further information:	The product is sensitive to oxidation.

Section 10 - Stability and reactivity

Thermal decomposition:	> 100 °C
Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.
Conditions to avoid:	None known.

MATERIAL SAFETY DATA SHEET
NIPACIDE PX

Page 5

Substance key: 000000060202
Version : 1 - 7 / USARevision Date: 12/26/2007
Date of printing :12/27/2007**Section 11 - Toxicological information****Product information:**

Acute oral toxicity: LD50 > 200 - < 2,000 mg/kg (rat)
Source: EU Annex 1
By analogy with a similar product.

Acute inhalation toxicity: LC50 > 6.29 mg/l (4 h, rat)

Skin irritation: Not available

Eye irritation: Not available

Section 12 - Ecological information**Product information:**

Biodegradation: This product is not readily biodegradable.
By analogy with a similar product.

Fish toxicity: LC50 0.77 mg/l (96 h)
By analogy with a similar product.

Daphnia toxicity: EC50 7.7 mg/l (48 h)
Source: literature
By analogy with a similar product.

Remarks:

Do not allow to enter soil, waterways or waste water

Section 13 - Disposal considerations**Waste disposal information:**

Dispose of in approved landfill or incinerate. Dispose of in accordance with local state and federal regulations. Toxic to aquatic life. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a national pollutant discharge elimination system (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. ----- Container disposal: triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

RCRA hazardous waste:

No -- Not as sold.
RCRA number: NONE

Section 14 - Transport information**DOT Regulation:**

Proper shipping name: Environmentally hazardous substances, solid, n.o.s.

MATERIAL SAFETY DATA SHEET
NIPACIDE PX

Page 6

Substance key: 000000060202
Version : 1 - 7 / USARevision Date: 12/26/2007
Date of printing :12/27/2007

Hazard class:	9
Packing group:	III
UN/NA-number:	UN 3077
Primary hazard class:	9
Technical Name:	4-Chloro-3,5-Dimethylphenol
Emergency Response Guide:	171

IATA

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN/ID number:	UN 3077
Primary risk:	9
Remarks:	Shipment permitted
Hazard inducer(s):	4-Chloro-3,5-Dimethylphenol

IMDG

Proper shipping name:	Environmentally hazardous substance, solid, n.o.s.
Class:	9
Packing group:	III
UN no.:	UN 3077
Primary risk:	9
Hazard inducer(s):	4-Chloro-3,5-Dimethylphenol
Marine pollutant:	Marine Pollutant
EmS:	F-A S-F

Further information:

Not regulated for surface transportation in non-bulk containers under 119 gallons.

Section 15 - Regulatory information**TSCA Status:**

All components of this product are listed on the TSCA Inventory. However, the primary use of this product is NOT subject to TSCA but rather to FDA and must comply with the FDA regulations.

SARA (section 311/312):

Reactive hazard:	no
Pressure hazard:	no
Fire hazard:	no
Immediate/acute:	yes
Delayed/chronic:	no

SARA 313 information:

This product does not contain any toxic chemical listed under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

Clean Water Act:

Contains no known priority pollutants at concentrations greater than 0.1%.

Volatile organic compounds VOC:

Remarks:	Not Available
----------	---------------

FDA:

MATERIAL SAFETY DATA SHEET

NIPACIDE PX

Page 7

Substance key: 000000060202
Version : 1 - 7 / USA

Revision Date: 12/26/2007
Date of printing :12/27/2007

Permitted for Use per
Section: 21 CFR 175.105

This product is registered with the FDA.

Section 16 - Other information

Other precautions:

Environmental Hazard: Toxic to aquatic life. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your state water board or regional office of the EPA. Avoid breathing fumes or vapors and avoid contact with skin and eyes. Wear proper protective equipment. Keep container closed when not in use.

Label information:

DANGER!

DUST EXPLOSION HAZARD Causes severe to corrosive eye irritation. May cause serious and possible permanent eye damage. Prolonged or widespread contact may cause skin irritation. MAY CAUSE RESPIRATORY TRACT IRRITATION MAY CAUSE SKIN SENSITIZATION THIS MATERIAL IS TOXIC TO AQUATIC ORGANISMS.

Avoid breathing dust. Avoid contact with eyes, skin and clothing. Wear proper protective equipment. Keep container closed when not in use. Use with ventilation and/or respiratory protection to keep exposure to a minimum. Wash thoroughly after handling.

Eye contact: flush with water for at least 15 minutes while holding eyelids open. Seek immediate medical attention. Skin contact: flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Seek medical attention. Wash clothing before reuse. Ingestion: if ingested, drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Seek immediate medical attention. Do not induce vomiting. Never give anything by mouth to an unconscious person. Inhalation: remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

This information is supplied under the OSHA Hazard Communication Standard, 29 CFR 1910.1200, and is offered in good faith based on data available to us that we believe to be true and accurate. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable to the material. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate for that use. No warranty, express or implied, is made regarding the accuracy of this data, the hazards connected with the use of the material, or the results to be obtained from the use thereof. We assume no responsibility for damage or injury from the use of the product described herein. Data provided here are typical and not intended

MATERIAL SAFETY DATA SHEET
NIPACIDE PX

Page 8

Substance key: 000000060202
Version : 1 - 7 / USA

Revision Date: 12/26/2007
Date of printing :12/27/2007

for use as product specifications. (R) and TM indicate trademarks of Clariant AG, its business partners or suppliers.