

NIPAGUARD BPX

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SECTION 1. IDENTIFICATION

Identification of the company:	Clariant Produkte (Deutschland) GmbH Frankfurt am Main, 65926 Telephone No.: +49 69 305 18000
Information of the substance/preparation:	Product Safety 1-704-331-7710
Emergency tel. number:	+1 800-424-9300 CHEMTREC

Trade name:	NIPAGUARD BPX
Material number:	171065
Chemical family:	
Primary product use:	Personal Care Preservatives
Chemical family:	mixture of biocidal substances

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification

Acute toxicity (Oral) : Category 4

Serious eye damage : Category 1

GHS Label element

Hazard pictograms :



Signal word : Danger

Hazard statements : H302 Harmful if swallowed.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear eye protection/ face protection.

Response:
P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER or doctor/ physician if you feel unwell. Rinse mouth.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Disposal:
P501 Dispose of contents/ container to an approved waste

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disposal plant.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature •

Hazardous components

Chemical Name	CAS-No.	Concentration (%)
2-Phenoxyethanol	122-99-6	75
Bronopol (INN)	52-51-7	5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. FIRST AID MEASURES

- General advice : Remove/Take off immediately all contaminated clothing.
Get medical advice/ attention if you feel unwell.
- If inhaled : Move the victim to fresh air.
Give oxygen or artificial respiration if needed.
Get immediate medical advice/ attention.
Never give anything by mouth to an unconscious person.
- In case of skin contact : Remove contaminated clothing without delay. Immediately wash the skin with soap and water for at least 15 minutes under a safety shower. If redness or skin irritation occurs, seek medical attention.
- In case of eye contact : Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.
- If swallowed : If conscious, give the patient 1-2 glasses of water (8-16 oz.) and call a doctor. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.
- Most important symptoms and effects, both acute and delayed : The possible symptoms known are those derived from the labelling (see section 2).
No additional symptoms are known.
- Notes to physician : None known.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media : Water spray jet

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	Alcohol-resistant foam Carbon dioxide (CO ₂) Dry powder
Unsuitable extinguishing media	: High volume water jet
Specific hazards during firefighting	: In case of fires, hazardous combustion gases are formed: Carbon monoxide (CO) Carbon dioxide (CO ₂) Nitrogen oxides (NO _x) Hydrogen bromide (HBr) Emits toxic and corrosive fumes under fire conditions.
Further information	: Exercise caution when fighting any chemical fire. Use NIOSH approved self-contained breathing apparatus and full protective clothing.
Special protective equipment for firefighters	: Self-contained breathing apparatus Full protective suit

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Wear suitable protective clothing. Ensure adequate ventilation. Avoid contact with skin and eyes. Wear proper protective equipment. Contain spill. Spills should be collected as a liquid or absorbed on suitable absorbant and placed in proper containers for disposal. Do not discharge into storm drains or the aquatic environment.
Environmental precautions	: The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
Methods and materials for containment and cleaning up	: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Keep away sources of ignition. Keep away from heat.
Advice on safe handling	: Store in a closed container. Avoid contact with skin and eyes. Do not breathe vapours. Store above 32 F and below 104 F.

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- Conditions for safe storage : Keep container tightly closed in a cool, well-ventilated place.
Protect from moisture.
Keep only in the original container.
- Technical measures/Precautions : Store in original container.
Keep container closed.
- Materials to avoid : Keep away from oxidizing agents.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

No level has been established by OSHA, NIOSH, ACGIH.

- Engineering measures** : Local ventilation recommended - mechanical ventilation may be used.

Personal protective equipment

- 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 29CFR1910.134.
- Hand protection
Remarks : Chemical resistant gloves
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Wear suitable protective equipment.
- Protective measures : Avoid contact with skin and eyes.
Do not inhale vapours
- Hygiene measures : Use only in well-ventilated areas.
Remove/Take off immediately all contaminated clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : Liquid
- Particle size : Not applicable
- Colour : colourless
- Odour : characteristic
- Odour Threshold : not tested.

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pH	:	not tested.
Decomposition temperature	:	> 100 °C
Boiling point	:	not determined
Flash point	:	121 °C Method: open cup
Evaporation rate	:	not tested.
Upper explosion limit	:	not tested.
Lower explosion limit	:	not tested.
Combustion number :		Not applicable
Vapour pressure	:	not tested.
Relative vapour density	:	not tested.
Density	:	1.145 g/cm ³ (20 °C) Method: DIN EN ISO 12185
Bulk density	:	Not applicable
Solubility(ies)		
Water solubility	:	slightly soluble (20 °C)
Solubility in other solvents	:	not tested. Solvent: fat
Partition coefficient: n-octanol/water	:	not tested.
Auto-ignition temperature	:	not tested.
Decomposition temperature	:	317 °C Heating rate : 3 K/min No decomposition upto 100 °C.
Viscosity		
Viscosity, dynamic	:	not determined
Viscosity, kinematic	:	not tested.
Explosive properties	:	no data available
Oxidizing properties	:	Not applicable

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable
Possibility of hazardous reactions	:	Reactions with oxidising agents. Stable
Conditions to avoid	:	Strong oxidizing agents Keep away from oxidizing agents.
Incompatible materials	:	not known
Hazardous decomposition products	:	When handled and stored appropriately, no dangerous decomposition products are known

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact
Skin contact
Inhalation
Ingestion
Skin Absorption

Acute toxicity**Product:**

Acute oral toxicity	:	Acute toxicity estimate: 1,438 mg/kg Method: Calculation method
Acute inhalation toxicity	:	Remarks: not tested.
Acute dermal toxicity	:	Acute toxicity estimate: > 5,000 mg/kg Method: Calculation method

Skin corrosion/irritation**Product:**

Result: Mild skin irritation

Serious eye damage/eye irritation**Product:**

Remarks: not tested.

Respiratory or skin sensitisation**Product:**

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Remarks: not tested.

Germ cell mutagenicity**Product:**

Germ cell mutagenicity - Assessment : No information available.

Carcinogenicity**Product:**

Carcinogenicity - Assessment : No information available.

IARC

Not listed

OSHA

Not listed

NTP

Not listed

Reproductive toxicity**Product:**

Reproductive toxicity - Assessment : No information available.

No information available.

STOT - single exposure**Product:**

Remarks: not tested.

STOT - repeated exposure**Product:**

Remarks: not tested.

Repeated dose toxicity**Product:**

Remarks: not tested.

Aspiration toxicity**Product:**

no data available

Experience with human exposure**Product:**

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General Information : The possible symptoms known are those derived from the labelling (see section 2).

SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Product:**

Toxicity to fish :
Remarks: not tested.

Toxicity to daphnia and other aquatic invertebrates :
Remarks: not tested.

Toxicity to algae :
Remarks: not tested.

Toxicity to bacteria :
Remarks: not tested.

Persistence and degradability**Product:**

Biodegradability : Biodegradation: > 70 %
Method: OECD Test Guideline 301A
Remarks: Information refers to the main component.

Bioaccumulative potential**Product:**

Bioaccumulation :
Remarks: not tested.

Mobility in soil**Product:**

Distribution among environmental compartments :
Remarks: not tested.

Other adverse effects**Product:**

Results of PBT and vPvB assessment :
Remarks: no data available

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

RCRA - Resource Conservation and Recovery Act

Waste from residues : Must be incinerated in a suitable incineration plant holding a

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permit delivered by the competent authorities.

Contaminated packaging : Regulations concerning reuse or disposal of used packaging materials must be observed.
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse

SECTION 14. TRANSPORT INFORMATION**DOT Regulation:**

Proper shipping name: Environmentally hazardous substances, liquid, n.o.s.
Hazard class: 9
Packing group: III
UN/NA-number: UN 3082
Primary hazard class: 9
Technical Name: Bronopol

IATA

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.
Class: 9
Packing group: III
UN/ID number: UN 3082
Primary risk: 9
Remarks: Shipment permitted
Hazard inducer(s): Bronopol

IMDG

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s.
Class: 9
Packing group: III
UN no.: UN 3082
Primary risk: 9
Hazard inducer(s): Bronopol
Marine pollutant: Marine Pollutant
EmS: F-A S-F

SECTION 15. REGULATORY INFORMATION**EPCRA - Emergency Planning and Community Right-to-Know Act****CERCLA Reportable Quantity**

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards : Acute Health Hazard**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

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SARA 313 : This product contains toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372. Any such toxic chemical(s) are shown below. This information must be included in all MSDS's that are copied and distributed for this material.

Glycol ethers (SARA 313 Category), total glycol ether compounds	Not Assigned	75 %
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Clean Water Act

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

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

TSCA : 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.

Inventories

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

SECTION 16. OTHER INFORMATION**Further information**

Observe national and local legal requirements
Do not breathe fumes, vapour.
Avoid contact with skin and eyes.
Wear suitable protective equipment.
Keep container closed when not in use.

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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 for use as product specifications.

SAFETY DATA SHEET



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