



# MATERIAL SAFETY DATA SHEET

21 PHENEX NS Cleaner, Disinfectant,  
Deodorant Ready-to-Use

Date Prepared: 11/20/1997  
Date Revised: 01/19/2000

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name/Use: 21 PHENEX NS Cleaner, Disinfectant, Deodorant Ready-to-Use  
A 1:256 dilution of PHENEX NS Cleaner, Disinfectant, Deodorant

Product Synonyms: Command Center 21 PHENEX NS Cleaner, Disinfectant, Deodorant Ready-to-Use  
A 1:256 dilution of Command Center 21 PHENEX NS Cleaner, Disinfectant, Deodorant

### MANUFACTURER

The Butcher Company  
67 Forest Street  
Marlborough, MA 01752-3012

Butcher Telephone Number: 800-225-9475  
Emergency Telephone (24 hours): 800-228-5635

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS NO.	% BY WEIGHT
para-tertiary-Amylphenol	80-46-6	<0.1
ortho-Benzyl-para-chlorophenol	120-32-1	<0.1
ortho-Phenylphenol	90-43-7	<0.1
Isopropyl alcohol	67-63-0	0.1 – 0.5

See Section 8 for Exposure Limits *NA - Not Applicable*

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**  
Clear, Amber to Purple Liquid. Lemon Odor. Causes Eye Burns and Skin Irritation. Harmful if Swallowed.

### POTENTIAL HEALTH EFFECTS (See Section 11 for Toxicological Information)

PRIMARY ROUTE(S) OF EXPOSURE:  Eye       Skin Contact       Skin Absorption  
 Inhalation       Ingestion

### EFFECTS OF ACUTE EXPOSURE

EYES:

Causes eye burns. Symptoms may include pain, tearing, redness, and eye injury.

SKIN:

Causes severe skin irritation. Symptoms may include pain, redness, rash, and swelling.

**21 PHENEX NS Cleaner, Disinfectant,  
Deodorant Ready-to-Use**

Date Prepared: 11/20/1997  
Date Revised: 01/19/2000

---

**INHALATION:**

High concentrations of vapor or mist may cause nose, throat and respiratory tract irritation. Symptoms may include coughing and a burning sensation in the nose and throat. High concentrations of vapor or mist may also cause central nervous system effects including headache, dizziness and nausea.

**INGESTION:**

Harmful if swallowed. May cause mouth, throat and stomach burns. Symptoms may include nausea, vomiting, diarrhea, and severe stomach pain. May also cause central nervous system effects including headache, dizziness and weakness.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged or repeated contact may cause skin irritation.

**MEDICAL CONDITIONS AGGRAVATED:**

May aggravate pre-existing eye, skin and respiratory conditions.

---

**4. FIRST AID MEASURES**

**EYES:**

Immediately flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get immediate medical attention.

**SKIN:**

Immediately flush with plenty of water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops or persists. Thoroughly wash (or discard) clothing and shoes before reuse.

**INHALATION:**

Remove to fresh air. If not breathing, give respiration; if breathing is difficult, give oxygen (by trained personnel only). Get medical attention if symptoms persist.

**INGESTION:**

Do not induce vomiting. Drink large quantities of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

**NOTES TO PHYSICIAN:**

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

---

**5. FIRE FIGHTING MEASURES**

FLASH POINT AND METHOD: >200°F 93°C TCC

AUTOIGNITION TEMPERATURE: Not applicable.

**EXTINGUISHING MEDIA:**

Use extinguishing media appropriate for surrounding fire.

---

**HAZARDOUS COMBUSTION PRODUCTS:**

Normal products of combustion (carbon monoxide and carbon dioxide) and hydrogen chloride.

**FIRE AND EXPLOSION HAZARDS:**

None known.

**FIRE FIGHTING INSTRUCTIONS:**

This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

**6. ACCIDENTAL RELEASE MEASURES**

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Contain and isolate spill. Keep non-essential personnel from entering spill area. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

**7. HANDLING AND STORAGE**

**HANDLING:**

Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove contaminated clothing. Wash clothing and equipment before reuse.

**STORAGE:**

Keep container closed when not in use. Store away from incompatible materials. (See Section 10, Stability and Reactivity).

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

**EYE:**

Where eye contact is possible, wear chemical splash goggles (ANSI Z87.1-approved).

**SKIN:**

Where skin contact is possible, chemical-resistant clothing (e.g., gloves) should be worn.

**RESPIRATORY:**

No respiratory protection is required if ventilation is adequate.

**ENGINEERING CONTROLS:**

General room ventilation is expected to be adequate. If user operations generate vapor or mist, ventilation should be used to keep airborne concentrations below exposure limits.

**21 PHENEX NS Cleaner, Disinfectant,  
Deodorant Ready-to-Use**

Date Prepared: 11/20/1997  
Date Revised: 01/19/2000

**EXPOSURE LIMITS:**

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
para-tertiary-Amylphenol	NE	NE
ortho-Benzyl-para-chlorophenol	NE	NE
ortho-Phenylphenol	NE	NE
Isopropyl alcohol	400 ppm (980 mg/m3)/ 500 ppm (1225 mg/m3)	400 ppm (983 mg/m3)/ 500 ppm (1230 mg/m3)

NE - Not Established

**9. PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL STATE: Liquid  
ODOR: Lemon  
APPEARANCE: Clear, Amber to Purple  
pH: 10  
PERCENT VOLATILE BY WEIGHT: 100  
VAPOR PRESSURE: Not Determined  
VAPOR DENSITY: Not Determined  
BOILING POINT: Not Determined  
FREEZING/MELTING POINT: Not Determined  
SOLUBILITY IN WATER: Complete  
EVAPORATION RATE: Not Determined  
SPECIFIC GRAVITY: 1.0  
VISCOSITY: Water Thin  
OCTANOL/WATER PARTITION COEFFICIENT: Not Determined  
ODOR THRESHOLD: Not Determined

**10. STABILITY AND REACTIVITY**

STABILITY (CONDITIONS TO AVOID):

Stable.

POLYMERIZATION:

Will not occur.

HAZARDOUS DECOMPOSITION:

None.

INCOMPATIBLE MATERIALS:

Strong acids (e.g., hydrochloric), oxidizers (e.g., bleach) and chlorine.

**11. TOXICOLOGICAL INFORMATION**

ACUTE DATA:

This product causes eye burns and severe skin irritation. Based on acute toxicity testing, this product is harmful if swallowed. It is not considered to be toxic by skin absorption. The following data are available for this product and its ingredients:

**21 PHENEX NS Cleaner, Disinfectant,  
Deodorant Ready-to-Use**

Date Prepared: 11/20/1997  
Date Revised: 01/19/2000

<u>PRODUCT/INGREDIENT</u>	<u>ORAL LD<sub>50</sub> (rat)</u>	<u>DERMAL LD<sub>50</sub> (rabbit)</u>	<u>INHALATION LC<sub>50</sub> (rat)</u>
21 PHENEX NS Cleaner, Disinfectant, Deodorant Ready-to-Use	3526 mg/kg	>2000 mg/kg	>5.6 mg/L (4-hr)
para-tertiary-Amylphenol	1830 mg/kg	2000 mg/kg	Not Available
ortho-Benzyl-para-chlorophenol	1700 mg/kg	Not Available	Not Available
ortho-Phenylphenol	2000 mg/kg	Not Available	Not Available
Isopropyl alcohol	4710 mg/kg	12870 mg/kg	17000 ppm (4-hr)

**SENSITIZATION DATA:**

No data available.

**CHRONIC DATA:**

No data available.

**REPRODUCTIVE/TERATOGENIC DATA:**

No data available.

**CARCINOGENIC/MUTAGENIC DATA:**

Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

**SYNERGISTIC MATERIALS:**

No data available.

**12. ECOLOGICAL INFORMATION**

No data available.

**13. DISPOSAL CONSIDERATIONS**

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, at its recommended use dilution, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

**14. TRANSPORT INFORMATION**

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

**15. REGULATORY INFORMATION**

*Not meant to be all-inclusive—selected regulations represented.*

**21 PHENEX NS Cleaner, Disinfectant,  
Deodorant Ready-to-Use**

Date Prepared: 11/20/1997  
Date Revised: 01/19/2000

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard category:  
Immediate.

313 REPORTABLE INGREDIENTS: Ingredients in this product are not currently subject to notification.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

CERCLA REGULATORY: None of the ingredients in this product are reportable under CERCLA.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

TSCA STATUS: This product complies with all TSCA inventory requirements.

**MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:**

<u>INGREDIENT(S)</u>	<u>CAS NO.</u>	<u>STATE LISTING</u>
Water	7732-18-5	Not Listed

NA - Not Applicable

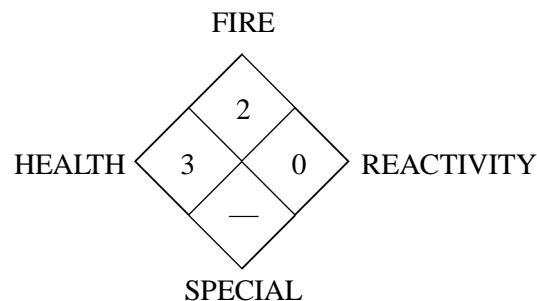
STATE REGULATIONS: Product contains a mixture of phenolic compounds below State reporting requirements.

**16. OTHER INFORMATION**

**HMIS RATING**

HEALTH	-	3
FLAMMABILITY		2
REACTIVITY		0
PERSONAL PROTECTION	-	

**NFPA RATING**



**MSDS STATUS**

Revision #: 1

This MSDS replaces the April 30, 1998 MSDS. Any changes in information are as follows:

APPROVED BY: EH&S/Regulatory Affairs

APPROVAL DATE: 01/19/2000

*The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.*