

*Special order  
Loc 18 only*

## MATERIAL SAFETY DATA SHEET

Print date: 26-Nov-2008

Revision Number: 0

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

**Product name:** CONVOClean by Cleveland  
**Synonyms:** No information available  
**Chemical characterisation:** No data is available on the product itself.

**Supplier:**  
 Cleveland Range Company  
 1333 East 179th Street  
 Cleveland, OH 44110  
 Phone: (800) 338-2204  
 Fax: (216) 481-3782

**Emergency telephone number**

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No	ACGIH (TWA mg/m <sup>3</sup> ):	OSHA (TWA mg/m <sup>3</sup> ):
Diethylene glycol monobutyl ether	112-34-5	None	None
Nitrilotriacetic acid, trisodium salt, monohydrate	18662-53-8	None	None
Benzenesulfonic acid, C10-16-alkyl derivatives	68584-22-5	None	None
D-Glucopyranose, oligomeric, decyl octyl	68515-73-1	None	None
C8-C10 Ethoxylated Alcohol	68439-45-2	None	None

### 3. HAZARDS IDENTIFICATION

**Properties affecting health:** None.  
**Principle routes of exposure:** Skin. Respiratory system. Cornea.  
**Skin contact:** May cause eye/skin irritation.  
**Eye contact:** Avoid contact with eyes. Contact with eyes may cause irritation.  
**Inhalation:** Avoid breathing vapors or mists.  
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

### 4. FIRST AID MEASURES

**General advice:** If symptoms persist, call a physician.

**Skin contact:** Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes.

**Inhalation:** Move to fresh air. In the case of inhalation of aerosol/mist consult a physician if necessary.

**Eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Ingestion:** Do not induce vomiting without medical advice. Drink 1 or 2 glasses of water. Consult a physician if necessary.

## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

Use dry chemical, CO<sub>2</sub>, water spray or "alcohol" foam

**Extinguishing media which must not be used for safety reasons:**

No information available.

**Special protective equipment for firefighters:**

Standard procedure for chemical fires

**Specific hazards:**

In the event of fire peroxides may be formed

**Unusual hazards:**

No hazards to be especially mentioned

**Specific methods:**

In the event of fire, cool tanks with water spray

**Flash point:**

Not applicable. The product itself does not burn

**Method:**

Cleveland Open Cup

**Autoignition temperature:**

No information available

**Flammability Limits in Air:**

**Lower**

No information available

**Upper**

No information available

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:**

Use personal protective equipment.

**Environmental precautions:**

Should not be released into the environment.

**Methods for cleaning up:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## 7. HANDLING AND STORAGE

**Handling**

**Technical measures/precautions:**

Provide appropriate exhaust ventilation at machinery.

**Safe handling advice:**

Avoid contact with skin and eyes.

**Storage**

**Technical measures/storage conditions:**

Keep in properly labelled containers.

**Incompatible products:**

No special restrictions on storage with other products

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment**

**Respiratory protection:**

Suitable respiratory equipment:

**Hand protection:**

Preventive skin protection

**Skin and body protection:** Usual safety precautions while handling the product will provide adequate protection against this potential effect.  
**Eye protection:** Safety glasses  
**Hygiene measures:** Avoid contact with skin, eyes and clothing.



## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Liquid	<b>Appearance:</b>	Liquid
<b>Color:</b>	Light brown	<b>Odor:</b>	Pleasant
<b>Specific gravity:</b>	1.048	<b>Boiling point/range</b>	214 (°F)
<b>Evaporation rate:</b>	Not determined	<b>Vapor density:</b>	Not determined
<b>Vapor pressure:</b>	30 mm Hg estimated	<b>Solubility:</b>	Soluble

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	No hazards to be especially mentioned
<b>Polymerization:</b>	None under normal processing.
<b>Hazardous decomposition products:</b>	Peroxides
<b>Materials to avoid:</b>	Strong acids and oxidising agents.
<b>Conditions to avoid:</b>	Stable at normal conditions

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity** No data available

## 12. ECOLOGICAL INFORMATION

<b>Mobility:</b>	Not applicable
<b>Bioaccumulative potential:</b>	No information available.
<b>Ecotoxicity effects:</b>	No data available.
<b>Aquatic toxicity:</b>	No information available.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste from residues / unused products:</b>	In accordance with local and national regulations.
<b>Contaminated packaging:</b>	Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**DOT** This product is Not Regulated by any means of transportation.

**TDG (Canada)**

**IMO / IMDG**

## 14. TRANSPORT INFORMATION

ICAO

IATA

## 15. REGULATORY INFORMATION

### International Inventories

**PICCS:** This product complies with phil:  
**TSCA:** Listed in TSCA  
**DSL:** Listed in DSL  
**ENCS:** This product does not comply with JPENCS  
**CHINA:** This product complies with china:  
**AICS:** This product does not comply with AICS  
**KECL:** This product does not comply with korea:  
**ENECS/ELINCS** This product does comply with ENECS/ELINCS

### U.S. Regulations:

*Diethylene glycol monobutyl ether*  
**NJRTK:** Substance no. 2265 Listed.  
**PARTK:** Listed.  
*Nitilotriacetic acid, trisodium salt, monohydrate*  
**California Proposition 65 -** Listed.  
**MARTK:** Listed.

**Sara (311, 312) hazard class:**

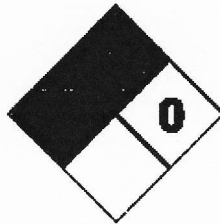
### Canada

**WHMIS hazard class:**  
Not determined

## 16. OTHER INFORMATION

<u>NFPA</u>	Health: 2	Flammability: 1	Instability: 0
<u>HMIS</u>	Health: 2	Flammability: 1	Physical Hazard: 0

**NFPA symbol:**



**Reason for revision:** Not applicable  
**Prepared by:** Health & Safety

The information and recommendations contained herein are based upon tests believed to be reliable. However, Cleveland Range does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage maybe required. Cleveland Range assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.