



# SAFETY DATA SHEET

Revision date 29-May-2019

Version 2

Supersedes Date: 20-May-2019

## Section 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product identifier**

**Product Code** C-821

**Product Name** 2.1 VOC EURO CLEAR

**Other means of identification**

No information available

**Recommended use of the chemical and restrictions on use**

Paint, Coatings

**Details of the supplier of the safety data sheet**

See section 16 for more information

POR Products  
38 Portman Rd  
New Rochelle, NY 10801  
1-914-636-0700

**Emergency telephone number**

United States of America  
ChemTel Inc.  
1-800-255-3924  
1-813-248-0585

## Section 2: HAZARDS IDENTIFICATION

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR) and the SDS contains all the information required by the HPR

**Classification**

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Flammable liquids	Category 2

**Label elements**



Signal word

DANGER

## HAZARD STATEMENTS

Highly flammable liquid and vapor  
Causes skin irritation  
Causes serious eye irritation  
May cause an allergic skin reaction  
Suspected of causing cancer  
May cause respiratory irritation  
May cause drowsiness or dizziness  
May cause damage to the following organs through prolonged or repeated exposure: Ears

## PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection. Wash face, hands and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

## RESPONSE

IF exposed or concerned: Get medical advice/attention.

### Eyes

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.

### Skin

If skin irritation or rash occurs: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse.

### Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### Ingestion

Do NOT induce vomiting. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

### Fire

In case of fire: Use CO2, dry chemical, or foam for extinction.

## STORAGE

Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool.

## DISPOSAL

Dispose of contents/containers in accordance with local regulations.

## OTHER HAZARDS

Not applicable.

## UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown toxicity.

## Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	weight-%
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	30 - 60 *
Acetone	67-64-1	5 - 10 *
n-Butyl acetate	123-86-4	5 - 10 *
Xylenes	1330-20-7	3 - 7 *
Methyl n-amyl ketone	110-43-0	1 - 5 *
Ethylbenzene	100-41-4	0.5 - 1.5 *
Bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate	41556-26-7	0.1 - 1 *

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

## Section 4: FIRST AID MEASURES

### First Aid Measures

#### General advice

IF exposed or concerned: Get medical advice/attention

**Eye contact**

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

**Skin Contact**

Wash contaminated clothing before reuse If skin irritation occurs: Get medical advice/attention IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing

**Ingestion**

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell Do NOT induce vomiting

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

<b>Section 5: FIRE FIGHTING MEASURES</b>
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**Flammable properties** Flammable liquid.

**flash point** -4 °F / -20 °C

**Upper flammability limit:** No information available

**Lower flammability limit:** No information available

**Autoignition temperature** No information available

**Explosion data**

Sensitivity to Mechanical Impact No information available.

Sensitivity to Static Discharge No information available.

**Suitable extinguishing media**

Dry chemical, CO<sub>2</sub>, water spray or alcohol-resistant foam.

Not to be used for safety reasons: Strong water jet

**Hazardous combustion products** Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

**Specific hazards arising from the chemical**

Burning produces heavy smoke. Fire may produce irritating and/or toxic gases. In the event of fire and/or explosion do not breathe fumes. **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Cool containers with flooding quantities of water until well after fire is out. Do not allow run-off from fire-fighting to enter drains or water courses.

<b>Section 6: ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions**

Avoid breathing vapors or mists. Remove all sources of ignition. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Keep people away from and upwind of spill/leak. Evacuate personnel to safe areas. Take precautionary measures against static discharges.

**Environmental precautions**

Do not allow into any sewer, on the ground or into any body of water. If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Prevent further leakage or spillage if safe to do so. Local authorities should be advised if significant spillages cannot be contained.

**Methods for containment**

Prevent further leakage or spillage if safe to do so.

## Methods for cleaning up

Dispose of waste product or used containers according to local regulations. Clean with detergents. Avoid solvent cleaners. Dam up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly.

## Section 7: HANDLING AND STORAGE

### Advice on safe handling

Prevent the creation of flammable or explosive concentrations of vapor in air and avoid vapor concentration higher than the occupational exposure limits. Operators should wear anti-static footwear and clothing and floors should be of the conducting type. Use personal protection recommended in Section 8. Never use pressure to empty container. Comply with the health and safety at work laws. Prevent product from entering drains. Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Use only with adequate ventilation. Do not breathe dust/fume/gas/mist/vapors/spray. Use only in well-ventilated areas. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. All equipment used when handling the product must be grounded.

### General Hygiene Considerations

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Avoid contact with skin, eyes or clothing.

### Storage Conditions

Keep/store only in original container. Store in accordance with local regulations. Keep unauthorized personnel away. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed in a dry and well-ventilated place. Keep tightly closed in a dry and cool place.

## Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

#### Exposure Limits

If S\* appears in the OEL table, it indicates this chemical contains a skin notation.

Chemical Name	ACGIH TLV	Alberta	British Columbia	Ontario TWA	Quebec	OSHA PEL
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	TWA: 2.5 mg/m <sup>3</sup> F	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup>	TWA: 2.5 mg/m <sup>3</sup> F
Acetone 67-64-1	STEL: 500 ppm TWA: 250 ppm	TWA: 500 ppm TWA: 1200 mg/m <sup>3</sup> STEL: 750 ppm STEL: 1800 mg/m <sup>3</sup>	TWA: 250 ppm STEL: 500 ppm	TWA: 500 ppm STEL: 750 ppm	TWA: 500 ppm TWA: 1190 mg/m <sup>3</sup> STEL: 1000 ppm STEL: 2380 mg/m <sup>3</sup>	TWA: 1000 ppm TWA: 2400 mg/m <sup>3</sup>
n-Butyl acetate 123-86-4	STEL: 150 ppm TWA: 50 ppm	TWA: 150 ppm TWA: 713 mg/m <sup>3</sup> STEL: 200 ppm STEL: 950 mg/m <sup>3</sup>	TWA: 20 ppm	TWA: 150 ppm STEL: 200 ppm	TWA: 150 ppm TWA: 713 mg/m <sup>3</sup> STEL: 200 ppm STEL: 950 mg/m <sup>3</sup>	TWA: 150 ppm TWA: 710 mg/m <sup>3</sup>
Xylenes 1330-20-7	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm STEL: 150 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 150 ppm STEL: 651 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>
Methyl n-amyl ketone 110-43-0	TWA: 50 ppm	TWA: 50 ppm TWA: 233 mg/m <sup>3</sup>	TWA: 50 ppm	TWA: 25 ppm TWA: 115 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 233 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 465 mg/m <sup>3</sup>
Ethylbenzene 100-41-4	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	TWA: 20 ppm	TWA: 20 ppm	TWA: 100 ppm TWA: 434 mg/m <sup>3</sup> STEL: 125 ppm STEL: 543 mg/m <sup>3</sup>	TWA: 100 ppm TWA: 435 mg/m <sup>3</sup>

### Engineering Controls

Ensure adequate ventilation, especially in confined areas. Provide local exhaust ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

### Personal Protective Equipment

#### Eye/face protection

Tight sealing safety goggles.

#### Hand Protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed. Gloves should be replaced regularly and if there is any sign of damage to the glove material. Always ensure that gloves are free from defects and that they are stored and used correctly. The performance

or effectiveness of the glove may be reduced by physical / chemical damage and poor maintenance. Wear protective gloves.

**Skin and body protection**

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear suitable protective clothing. Personnel should wear anti-static clothing made of natural fiber or of high temperature resistant synthetic fiber.

**Respiratory protection**

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators

**Thermal Protection**

No information available

**Environmental exposure controls**

Do not allow into any sewer, on the ground or into any body of water. Local authorities should be advised if significant spillages cannot be contained.

**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

Physical state	liquid
Appearance	No information available
Odor	Solvent
Color	clear
Odor Threshold	No information available
pH value	No information available
Melting point/freezing point	No information available
Boiling point / boiling range	56.05 °C / 133 °F
flash point	-20 °C / -4 °F
evaporation rate	No information available
Flammability (solid, gas)	No information available
Flammability Limit in Air	
Upper flammability limit:	No information available
Lower flammability limit:	No information available
Vapor Pressure	No information available
vapor density	No information available
Density (lbs per US gallon)	9.15
specific gravity	1.1
Solubility(ies)	No information available
Partition coefficient	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Kinematic viscosity	No information available
Dynamic viscosity	No information available

Other information

**Section 10: STABILITY AND REACTIVITY**

Stability	Stable under normal conditions.
Incompatible materials	Strong oxidizing agents.
Conditions to avoid	Heat, flames and sparks.
Hazardous Decomposition Products	Carbon monoxide. Carbon dioxide (CO2). Chlorine. Chlorine gas.
Possibility of Hazardous Reactions	None under normal processing.
Hazardous polymerization	None under normal processing.

**Section 11: TOXICOLOGICAL INFORMATION**

Information on likely routes of exposure

Eye contact

Causes serious eye irritation

**Skin Contact**

Causes skin irritation

May cause an allergic skin reaction

**Ingestion**

Not applicable

**Inhalation**

May cause drowsiness or dizziness

May cause respiratory irritation

**Numerical measures of toxicity - Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Benzene, 1-chloro-4-(trifluoromethyl)- 98-56-6	= 13 g/kg ( Rat )	> 2 mL/kg ( Rabbit )	= 33 mg/L ( Rat ) 4 h
Acetone 67-64-1	= 5800 mg/kg ( Rat )	> 15700 mg/kg ( Rabbit )	= 50100 mg/m <sup>3</sup> ( Rat ) 8 h
n-Butyl acetate 123-86-4	= 10768 mg/kg ( Rat )	> 17600 mg/kg ( Rabbit )	= 390 ppm ( Rat ) 4 h
Xylenes 1330-20-7	= 3500 mg/kg ( Rat )	> 1700 mg/kg ( Rabbit ) > 4350 mg/kg ( Rabbit )	= 5000 ppm ( Rat ) 4 h = 29.08 mg/L ( Rat ) 4 h
Methyl n-amyl ketone 110-43-0	= 1600 mg/kg ( Rat ) = 1670 mg/kg ( Rat )	= 12600 µL/kg ( Rabbit ) = 12.6 mL/kg ( Rabbit )	2000 - 4000 ppm ( Rat ) 6 h
Ethylbenzene 100-41-4	= 3500 mg/kg ( Rat )	= 15400 mg/kg ( Rabbit )	= 17.4 mg/L ( Rat ) 4 h
Bis(1,2,2,6,6-pentamethyl-4-piperidy l) sebacate 41556-26-7	= 2615 mg/kg ( Rat )	-	-

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

**ATEmix (oral)** 25421 Mg/kg

**ATEmix (dermal)** 18498 Mg/kg

**ATEmix (inhalation-dust/mist)** 16.1 mg/l

**ATEmix (inhalation-vapor)** 118 mg/

**UNKNOWN ACUTE TOXICITY** 0% of the mixture consists of ingredient(s) of unknown toxicity.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylbenzene 100-41-4	A3	Group 2B		X

**ACGIH (American Conference of Governmental Industrial Hygienists)**

A3 - Animal Carcinogen.

**IARC (International Agency for Research on Cancer)**

Group 2B - Possibly Carcinogenic to Humans.

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

X - Present.

**Skin corrosion/irritation** Causes skin irritation

**Serious eye damage/eye irritation** Causes serious eye irritation

**Skin sensitization** Not applicable

**Respiratory sensitization** Not applicable

**Germ cell mutagenicity** Not applicable

**Carcinogenicity** Suspected of causing cancer

**Reproductive Toxicity** Not applicable

**Specific target organ toxicity (single exposure)** May cause respiratory irritation May cause drowsiness or dizziness

**Specific target organ toxicity (repeated exposure)**

May cause damage to the following organs through prolonged or repeated exposure: Ears

**Aspiration hazard** Not applicable

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity**

Environmental precautions Prevent product from entering drains.

**Persistence and degradability**  
No information available

**Bioaccumulation**  
No information available

**Mobility**  
No information available

**Other adverse effects** No information available

**Section 13: DISPOSAL CONSIDERATIONS**

**Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations

**Contaminated packaging** Improper disposal or reuse of this container may be dangerous and illegal.

**Section 14: TRANSPORT INFORMATION**

	<b>TDG</b>	<b>IMDG</b>	<b>IATA</b>
<b>UN/ID no</b>	UN1263	UN1263	UN1263
<b>Proper shipping name</b>	Paint	Paint	Paint
<b>Hazard Class</b>	3	3	3
<b>Packing Group</b>	II	II	II
<b>Environmental hazard</b>			
<b>Special Provisions</b>		163, 367 <b>EmS-No</b> F-E, S-E	A3, A72, A192
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>			No information available

*The supplier may apply one of the following exceptions: Combustible Liquid (49 CFR 173.150(f)); Consumer Commodity (49 CFR 173.150(c), ICAO/IATA SP A112); Limited Quantity (49 CFR 173.150(b), ICAO Part 3 Chapter 4, IATA 2.7, IMDG Chapter 3.4); Viscous Liquid (49 CFR 173.121(b), IMDG 2.3.2.2, IATA 3.3.3.1.1, ICAO 3.2.2, ADR 2.2.3.1.5); Does Not Sustain Combustion (49 CFR 173.120(a), IATA 3.3.1.3, ICAO 3.1.3, IMDG 2.3.1.3, ADR 2.2.3.1.1 Note 1); or others as allowed under hazardous materials/dangerous goods regulations.*

**Section 15: REGULATORY INFORMATION**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory All components are listed or exempt from listing

**DSL** - Canadian Domestic Substances List All components are listed or exempt from listing

<b>Chemical Name</b>	<b>Canada - NPRI (National Pollutant Release Inventory)</b>
Benzene, 1-chloro-4-(trifluoromethyl)-	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Acetone	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
n-Butyl acetate	Part 5, Individual Substances
Xylenes	Part 1, Group A Substance; Part 5, Isomer Groups (total of all isomers of Xylene, including m-Xylene, CAS 108-38-3, o-Xylene, CAS 95-47-6, and p-Xylene, CAS 106-42-3)
Methyl acetate	Part 4 Substance (as set out in Section 65 of the List of Toxic Substances in Schedule 1 of the Canadian Environmental Protection Act, 1999)
Ethylbenzene	Part 1, Group A Substance

**Section 16: OTHER INFORMATION**

**HMIS**

**Health hazards** 2\*  
\* = Chronic Health Hazard

**Flammability** 3

**Physical hazards** 0

**Personal Protection** X

**Supplier Address**

POR Products  
38 Portman Rd  
New Rochelle, NY 10801  
1-914-636-0700

**Prepared By** Product Stewardship  
**Revision date** 29-May-2019  
**Revision Note** No information available

**Disclaimer**

The information on this Safety Data Sheet (SDS) is based on the present state of our knowledge, current national legislation and guidelines. As the specific conditions of use of the product are outside the supplier's knowledge and control the user is responsible for ensuring that the requirements of relevant legislation are complied with. This SDS should not be construed as any guarantee of the technical performance or suitability for particular applications. UNLESS SUPPLIER AGREES OTHERWISE IN WRITING, SUPPLIER MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. SUPPLIER WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.

**End of Safety Data Sheet**