

## MATERIAL SAFETY DATA SHEET

Revision Date: 2019-01-15

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

#### 1.1 Product identifiers

Product name: 2-methylresorcinol  
Product number: B19723055  
CAS no.: 608-25-3

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Laboratory chemicals, Manufacture of substances

#### 1.3 Details of the supplier of the safety data sheet

Company: INNOVOX GMBH  
Alte Holstenstr. 23  
21031 Hamburg  
Germany  
Tel: +49 40 735 04 390  
Fax: +49 40 735 04 391

#### 1.4 Emergency telephone number

Emergency Phone: +49 40 735 04 390

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### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 3), H301  
Skin irritation (Category 2), H315  
Eye irritation (Category 2A), H319  
Specific target organ toxicity – single exposure (Category 3), Respiratory system, H335

#### 2.2 GHS Label elements, including precautionary statement

Labelling according Regulation (EC) No 1272/2008

Pictogram  
Signal Word



Danger

INNOVOX GMBH  
Alte Holstenstraße 23, 21031 Hamburg, Germany  
Tel: +49 40 735 04 390

#### Hazard statement(s)

H301	Toxic if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

#### Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/ vapours/spray.
P264	Wash skin thoroughly after handling.
P280	Wear protective gloves/eye protection/face protection.
P301 + P310 + P330	IF SWALLOWED: Immediately call a POISON CENTER/doctor. Rinse mouth.
P304 + P340 + P312	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
P337 + P313	If eye irritation persists: Get medical advice/ attention.
Supplemental Hazard Statements	none

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1 Substances

Synonyms:	2,6-Dihydroxytoluene
Formula:	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub>
Molecular Weight:	124.14 g/mol
CAS-No.:	608-25-3
EC-No.:	210-155-8

#### Hazardous components

Component	Classification	Concentration
2-Methylresorcinol	Acute Tox. 3; Skin irritation 2; Eye irritation 2A, STOT SE 3; H301; H315; H319; H335	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

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## **4. FIRSTAID MEASURES**

### **4.1 Description of first aid measures**

#### **General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

#### **If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### **In case of skin contact**

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

#### **In case of eye contact**

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

#### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

No data available

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## **5. FIRE-FIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **5.2 Special hazards arising from the substance or mixture**

Carbon oxides

### **5.3 Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **5.4 Further information**

No data available

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## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal see section 13.

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## 7. HANDLING AND STORAGE

Storage:	Room temperature
Handling:	Use only in area provided with appropriate exhaust ventilation.
Safe handling advice:	Wear personal protective equipment.
Incompatible products:	Oxidising and spontaneously flammable products

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

#### Personal protective equipment

**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection**

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use a full face particle respirator.

**Control of environmental exposure**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Solid
Melting point/range:	114-120°C (237-248°F)
Boiling point/range:	264°C (507°F)
Density:	No Data available.
Vapor pressure:	No Data available.
Evaporation rate:	No Data available.
Vapor density:	No Data available.
Solubility (in water):	No Data available.
Flash point:	135°C (275°F) closed cup
Autoignition temperature:	Not determined

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**10. STABILITY AND REACTIVITY**

Stability: Stable under recommended storage conditions.

Polymerization:	None under normal processing.
Hazardous decomposition products:	Thermal decomposition can lead to release of irritating gases and vapours such as carbon oxides.
Materials to avoid:	Strong oxidising agents.
Conditions to avoid:	Exposure to air or moisture over prolonged periods.

## 11. TOXICOLOGICAL INFORMATION

### Product information

**Acute toxicity**  
**LD50 Oral – rat – 200 mg/kg**

Components	RTECS Number:	Selected LD50s and LC50s
2-methyl-resorcinol	Not Available	Not Determined

Chronic toxicity:	Chronic exposure may cause nausea and vomiting, higher exposure causes unconsciousness.
Local effects:	Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Specific effects:	May include moderate to severe erythema (redness) and moderate edema (raised skin), nausea, vomiting, headache.
Primary irritation:	No data is available on the product itself.
Carcinogenic effects:	No data is available on the product itself.
Mutagenic effects:	No data is available on the product itself.
Reproductive toxicity:	No data is available on the product itself.

## 12. ECOLOGICAL INFORMATION

Mobility:	No data available
Bioaccumulation:	No data available
Ecotoxicity effects:	No data available
Aquatic toxicity:	May cause long-term adverse effects in the aquatic environment.

### Components: 2-methyl-resorcinol

U.S. DOT –Appendix B – Marine Pollutants	Not Listed
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U.S. DOT –Appendix B – Severe	Not Listed
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Marine Pollutants

United Kingdom – The red List:	Not Listed
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Germany VCI (WGK)	Not Listed
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World Health Organization (WHO) – Drinking Water	Not Listed
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Ecotoxicity– Fish Species Data	Not Listed
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Ecotoxicity – Freshwater Algae Data	Not Listed
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Ecotoxicity – Microtox Data	Not Listed
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Ecotoxicity – Water Flea Data	Not Listed
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EPA–ATSDR Priority List	Not Listed
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EPA – HPV Challenge Program Chemical List	Not Listed
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California – Priority Toxic Pollutants	Not Listed
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### 13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products:	Waste disposal must be in accordance with appropriate Federal, State and local regulations. This product, if unaltered by use, may be disposed of treatment at a permitted facility or as advised by your local hazardous waste regulatory authority. Residue from fires extinguished with this material may be hazardous.
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Contaminated packaging:	Do not re-use empty containers.
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### 14. TRANSPORT INFORMATION

#### 14.1 UN number

ADR/RID: 2811

IMDG: 2811

IATA: 2811

#### 14.2 UN proper shipping name

ADR/RID: TOXIC SOLID, ORGANIC, N.O.S. (2-Methylresorcinol)

IMDG: TOXIC SOLID, ORGANIC, N.O.S. (2-Methylresorcinol)

IATA: Toxic solid, organic, n.o.s. (2-Methylresorcinol)

#### 14.3 Transport hazard class(es)

ADR/RID: 6.1

IMDG: 6.1

IATA: 6.1

#### 14.4 Packaging group

ADR/RID: III

IMDG: III

IATA: III

#### 14.5 Environmental hazards

ADR/RID: no IMDG

Marine pollutant: no

IATA: no

#### 14.6 Special precautions for user

No data available

### 15. REGULATORY INFORMATION

International Inventories

#### Components: 2-methyl-resorcinol

Inventory– United States TSCA–Sect.8(b) Not Listed

Canada DSL Inventory List Not Listed

#### U.S. regulations:

California proposition 65 NA

Massachusetts Right to Know List: Not Listed

New Jersey Right to Know List: Not Listed

Pennsylvania Right to Know List: Not Listed

Florida substance List: Not Listed

Rhode Island Right to Know List: Not Listed

Illinois – Toxic Air Contaminants Not Listed

Connecticut – Hazardous Air Not Listed

Components SARA 313 Emission reporting / Toxic Release of Chemicals

CERCLA/SARA – Section 302 Extremely Haz Not Listed

NTP: Not Listed

IARC: Not Listed

### 16. OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

H301 Toxic if swallowed.

H315 Causes skin irritation.



H319

Causes serious eye irritation.

H335

May cause respiratory irritation

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**End of safety data sheet**