

MATERIAL SAFETY DATA SHEET

Revision Date: 2019-01-15

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

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:	C7H8O2
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.

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

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

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.

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

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.

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

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

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.
Contaminated packaging:	Do not re-use empty containers.

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– UnitedStatesTSCA–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