

## SAFETY DATA SHEET

Preparation Date: 06/10/2015

Revision Date: 06/28/2018

Revision Number: G2

### 1. IDENTIFICATION

#### Product identifier

**Product code:** R1004  
**Product Name:** RESORCINOL, REAGENT

#### Other means of identification

**Synonyms:** 1,3-Benzenediol  
 1,3-Dihydroxybenzene  
 3-Hydroxycyclohexadien-1-one  
 3-Hydroxyphenol  
 Benzene, 1,3-dihydroxy-  
 Benzene, m-dihydroxy-  
 C.I. 76505  
 C.I. Developer 4  
 C.I. Oxidation Base 31  
 Developer O  
 Developer R  
 Developer RS  
 Dihydroxybenzol  
 Durafur developer G  
 Fouramine RS  
 Furrine 79  
 Furrine EW  
 Nako TGG  
 Pelagol Grey RS  
 Pelagol RS  
 Phenol, m-hydroxy-  
 Resorcin  
 Resorcine  
 Resorcinol  
 Resorcinolum  
 Resorzin  
 m-Benzenediol  
 m-Dihydroxybenzene  
 m-Dioxybenzene  
 m-Hydroquinone  
 m-Hydroxyphenol  
**CAS #:** 108-46-3  
**RTECS #** VG9625000  
**CI#:** Not available

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

**Recommended use:** In tanning; manufacturing resins, resin adhesives, hexylresorcinol, p-amino salicylic acid, explosives, and dyes; In rubber industry for tires and reinforced rubber products; wood adhesives; pharmaceuticals; cross-linking agent; a rubber tackifier; and cosmetic; In photography; chemical intermediate used in oxidation hair dyes; medication.

**Uses advised against** No information available

**Supplier:** Spectrum Chemical Mfg. Corp  
14422 South San Pedro St.  
Gardena, CA 90248  
(310) 516-8000

**Order Online At:** <https://www.spectrumchemical.com>  
**Emergency telephone number** Chemtrec 1-800-424-9300  
**Contact Person:** Martin LaBenz (West Coast)  
**Contact Person:** Ibad Tirmiz (East Coast)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous according to the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 3
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (repeated exposure)	Category 1

### Label elements

#### **Danger**

#### **Hazard statements**

Toxic if swallowed  
Causes serious eye damage  
Causes skin irritation  
Causes damage to organs through prolonged or repeated exposure



#### **Hazards not otherwise classified (HNOC)**

Not Applicable

#### **Other hazards**

May be harmful in contact with skin

#### **Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Do not breathe dust/fume/gas/mist/vapors/spray

Wear protective gloves  
Wear eye/face protection

#### Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash it before reuse  
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
Rinse mouth

#### Precautionary Statements - Storage

Store locked up

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS-No.	Weight %
Resorcinol	108-46-3	100

### 4. FIRST AID MEASURES

#### First aid measures

**General Advice:** National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222.

**Skin Contact:** Wash off immediately with soap and plenty of water removing all contaminated clothing and shoes. Get medical attention. If skin irritation persists, call a physician.

**Eye Contact:** Flush eyes with water for 15 minutes. Get medical attention.

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. WARNING! It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Get medical attention.

**Ingestion:** Toxic if swallowed. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Call a physician or Poison Control Center immediately.

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

**Symptoms**

- Causes serious eye irritation
- Causes skin irritation
- May cause digestive (gastrointestinal) tract irritation
- Dyspnea (Shortness of breath and difficulty breathing)
- Coughing and wheezing
- May cause methemoglobinemia and cyanosis
- Headache
- Dizziness
- Irritating to respiratory system
- Nose and throat irritation

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

Product code: R1004

Product name: RESORCINOL,  
REAGENT

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**Notes to Physician:** Treat symptomatically.

**Protection of first-aiders**

First-Aid Providers: Avoid exposure to blood or body fluids. Wear gloves and other necessary protective clothing. Dispose of contaminated clothing and equipment as bio-hazardous waste.

## 5. FIRE-FIGHTING MEASURES

**Extinguishing Media**

**Suitable Extinguishing Media:** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray mist or foam.

**Unsuitable Extinguishing Media:** No information available.

**Specific hazards arising from the chemical**

**Hazardous Combustion Products:** Carbon Oxides.

**Specific hazards:** May be combustible at high temperatures. Explosive reaction with concentrated nitric acid.

**Special Protective Actions for Firefighters**

**Specific Methods:** No information available.

**Special Protective Equipment for Firefighters:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions:** Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Use personal protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Remove all sources of ignition.

**Environmental precautions** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Prevent entry into waterways, sewers, basements or confined areas.

**Methods and material for containment and cleaning up**

**Methods for containment** Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

**Methods for cleaning up** Use appropriate tools to put the spilled solid in a suitable waste disposal container. Clean contaminated surface thoroughly.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Technical Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Remove all sources of ignition. Keep away from incompatible materials.

**Safe Handling Advice**

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Do not breathe dust. Keep away from heat and sources of ignition. Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Technical Measures/Storage Conditions:**

Hygroscopic. Protect from moisture. Protect from light. Sensitive to light. Store in light-resistant containers. Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Store away from incompatible materials.

**Incompatible Materials:**

- Oxidizing agents
- Acids
- Bases

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**National occupational exposure limits**

**United States**

Components	CAS-No.	OSHA	NIOSH	ACGIH	AIHA WEEL
Resorcinol	108-46-3	None	10 ppm TWA 45 mg/m <sup>3</sup> TWA 20 ppm STEL 90 mg/m <sup>3</sup> STEL	20 ppm STEL 10 ppm TWA	Not determined

**Canada**

Components	CAS-No.	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Resorcinol	108-46-3	10 ppm TWA 45 mg/m <sup>3</sup> TWA 20 ppm STEL 90 mg/m <sup>3</sup> STEL	10 ppm TWA 20 ppm STEL	20 ppm STEL	None

**Australia and Mexico**

Components	CAS-No.	Australia	Mexico
Resorcinol	108-46-3	20 ppm STEL 90 mg/m <sup>3</sup> STEL 10 ppm TWA 45 mg/m <sup>3</sup> TWA	10 ppm TWA 45 mg/m <sup>3</sup> TWA 20 ppm STEL 90 mg/m <sup>3</sup> STEL

**Appropriate engineering controls**

**Engineering measures to reduce exposure:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Individual protection measures, such as personal protective equipment**

**Personal Protective Equipment**

<b>Eye protection:</b>	Goggles
<b>Skin and body protection:</b>	Long sleeved clothing Chemical resistant apron Gloves
<b>Respiratory protection:</b>	Wear respirator with dust filter. Be sure to use an approved/certified respirator or equivalent.
<b>Hygiene measures:</b>	Avoid contact with skin, eyes and clothing. When using, do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b> Solid	<b>Appearance:</b> Crystalline powder. Crystals.	<b>Color:</b> White.
<b>Odor:</b> Characteristic.	<b>Taste</b> Sweet with bitter after taste.	<b>Formula:</b> C <sub>6</sub> H <sub>6</sub> O <sub>2</sub>
<b>Molecular/Formula weight:</b> 110.11	<b>Flammability:</b> No information available	<b>Flash point (°C):</b> 127.22°C
<b>Flashpoint (°C/°F):</b> 127.2°C/ 261°F	<b>Flash Point Tested according to:</b> Closed cup	<b>Autoignition Temperature (°C/°F):</b> 607.78°C/ 1126°F
<b>Lower Explosion Limit (%):</b> No information available	<b>Upper Explosion Limit (%):</b> No information available	<b>Melting point/range(°C/°F):</b> 110°C/ 230°F
<b>Decomposition temperature(°C/°F):</b> No information available	<b>Boiling point/range(°C/°F):</b> 277-281°C/ 530.6-537.8°F	<b>Bulk density:</b> No information available
<b>Density (g/cm<sup>3</sup>):</b> No information available	<b>Specific gravity:</b> 1.272	<b>pH:</b> 5.2
<b>Vapor pressure @ 20°C (kPa):</b> No information available	<b>Evaporation rate:</b> No information available	<b>Vapor density:</b> 3.8
<b>VOC content (g/L):</b> No information available	<b>Odor threshold (ppm):</b> No information available	<b>Partition coefficient (n-octanol/water):</b> 0.8
<b>Viscosity:</b> No information available	<b>Miscibility:</b> No information available	<b>Solubility:</b> Easily soluble in cold water Easily soluble in diethyl ether Soluble in Alcohol Soluble in Acetic acid Soluble in Dimethyl Sulfoxide Slightly soluble in chloroform Freely soluble in glycerol

## 10. STABILITY AND REACTIVITY

### Reactivity

Reactive with strong oxidizing agents  
Explosive reaction with concentrated nitric acid  
Reactive with acetanilide, albumin, alkalies, antipyrine, camphor, ferri salts, menthol, spirit nitrous ether, urethane, periodate  
Reacts with strong bases

### Chemical stability

**Stability:** Hygroscopic. Sensitive to light. Exposure to light accelerates decomposition.

**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur

**Conditions to avoid:** Heat. Incompatible materials. Avoid dust formation. Exposure to light. Exposure to moisture. Exposure to moist air.

**Incompatible Materials:** Oxidizing agents  
Acids  
Bases

**Hazardous decomposition products:** Carbon oxides.

### Other Information

**Corrosivity:** No information available

**Special Remarks on Corrosivity:** No information available

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Principal Routes of Exposure:**  
Skin. Eyes. Ingestion. Inhalation.

### Acute Toxicity

#### Component Information

Resorcinol
CAS-No.   108-46-3

**LD50/oral/rat = 202 mg/kg Oral LD50 Rat**  
**LD50/oral/mouse = 200 mg/kg**  
**LD50/dermal/rabbit = 3360 mg/kg Dermal LD50Rabbit**  
**LD50/dermal/rat = No information available**  
**LC50/inhalation/rat = 21.3 mg/L Inhalation LC50 Rat 1 h**  
**LC50/inhalation/mouse = No information available**  
**Other LD50 or LC50information = No information available**

#### Product Information

**LD50/oral/rat =**  
**VALUE- Acute Tox Oral = 202 mg/kg**

**LD50/oral/mouse =**  
**Value - Acute Tox Oral = 200 mg/kg**

**LD50/dermal/rabbit**  
**VALUE-Acute Tox Dermal = 3360 mg/kg**

**LD50/dermal/rat**  
**VALUE -Acute Tox Dermal = No information available**

**LC50/inhalation/rat**

VALUE-Vapor = No information available

VALUE-Gas = No information available

VALUE-Dust/Mist = 21.3 mg/l (1-hr)

**LC50/Inhalation/mouse**

VALUE-Vapor = No information available

VALUE - Gas = No information available

VALUE - Dust/Mist = No information available

**Symptoms****Skin Contact:** Causes skin irritation.**Eye Contact:** Causes serious eye irritation.**Inhalation** Causes respiratory tract and mucous membrane irritation.**Ingestion** Toxic if swallowed. May cause digestive (gastrointestinal) tract irritation. It may affect the blood (methemoglobinemia-carboxyhemoglobin), respiration (cyanosis, dyspnea), behavior/central nervous system (convulsions, excitement, tetany, coma), cardiovascular system (hypotension), liver, and kidneys. May cause methemoglobinemia, (the formation of methemoglobin in the blood which causes deficient oxygenation of the blood due to decreased available hemoglobin). Signs and symptoms of methemoglobinemia include shortness of breath, cyanosis (a bluish discoloration of the skin, lips, mucous membranes), mental status changes such as headache, mental impairment, fatigue, muscular weakness, exercise intolerance, lightheadedness, dizziness, incoordination, seizures, and loss of consciousness. Arterial blood with elevated methemoglobin levels has a characteristic chocolate-brown color as compared to normal bright red oxygen containing arterial blood. Severe methemoglobinemia is characterized by bradycardia or tachycardia (slow or fast heart beat), dysrhythmias, seizures, coma and death.**Aspiration hazard** No information available.**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Chronic Toxicity** Skin: Prolonged or repeated skin contact may cause dermatitis, an allergic skin reaction  
Ingestion: Prolonged or repeated ingestion may affect the endocrine system (adrenal gland, thymus, thyroid, (thyroid hypofunction, goiter)), liver, kidneys, and metabolism (weight loss).**Sensitization:** No information available.**Mutagenic Effects:** May affect genetic material  
Mutations in microorganisms  
Experiments with bacteria and/or yeast have shown mutagenic effects**Carcinogenic effects:** Not classifiable as to its carcinogenicity to humans.

Components	CAS-No.	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Resorcinol	108-46-3	Group 3 - Not Classifiable - Monograph 71 [1999]	A4 Not Classifiable as a Human Carcinogen	No information	No information	No information	No information



		Supplement 7 [1987] Monograph 15 [1977]					
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ACGIH (American Conference of Governmental Industrial Hygienists)

IARC (International Agency for Research on Cancer)  
Group 3 - Not classifiable as to its carcinogenicity to humans  
NTP (National Toxicology Program)

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

**Reproductive toxicity** No data is available

**Reproductive Effects:** No information available  
**Developmental Effects:** No information available  
**Teratogenic Effects:** No information available

**Specific Target Organ Toxicity**

**STOT - single exposure** No information available.  
**STOT - repeated exposure** Causes damage to organs through prolonged or repeated exposure.  
**Target Organs:** Blood. Kidneys. Lungs. Liver. Respiratory system. Eyes. Skin. Central nervous system.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

**Ecotoxicity effects:** Aquatic environment.

*Resorcinol - 108-46-3*

**Freshwater Algae Data:** 1.1 - 72 mg/L EC50 Chlorella pyrenoidosa 72 h  
**Freshwater Fish Species Data:** 100 mg/L LC50 Oncorhynchus mykiss 96 h flow-through 1 53.4 mg/L LC50 Pimephales promelas 96 h 1 36 - 100 mg/L LC50 Pimephales promelas 96 h static 1 100 mg/L LC50 Pimephales promelas 96 h flow-through 1 34.7 mg/L LC50 Leuciscus idus 96 h static 1

**Water Flea Data:** 78 mg/L LC50 Daphnia magna 48 h

**Persistence and degradability:** No information available

**Bioaccumulative potential:** No information available.

**Mobility:** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Disposal Methods**

**Waste from residues / unused products:**  
Waste must be disposed of in accordance with Federal, State and Local regulation.

**Contaminated packaging:**  
Empty containers should be taken for local recycling, recovery or waste disposal

Components	CAS-No.	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Resorcinol	108-46-3	None	None	None	U201

## 14. TRANSPORT INFORMATION

### DOT

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Class:** No information available  
**Packing group:** III  
**Emergency Response Guide Number:** 153  
**Marine Pollutant:** No data available  
**DOT RQ (lbs):** No information available  
**Special Provisions:** IB8, IP3, T1, TP33  
**Symbol(s):** [DOT]: (R5) - Identifies a material that is a hazardous substance that has a reportable quantity (RQ) of 5000 pounds (2270 Kilograms).  
**Description:** UN2876, Resorcinol, 6.1, III

### TDG (Canada)

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Risk:** No information available  
**Packing Group:** III  
**Marine Pollutant:** No Information available  
**Description:** UN2876, Resorcinol, 6.1, III

### ADR

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Packing Group:** III  
**Subsidiary Risk:** No information available  
**Description:** UN2876, Resorcinol, 6.1, III, ENVIRONMENTALLY HAZARDOUS

### IMO / IMDG

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Risk:** No information available  
**Packing Group:** III  
**Marine Pollutant:** No information available  
**EMS:** F-A  
**Description:** UN2876, Resorcinol, 6.1, III, Marine pollutant

### RID

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Risk:** No information available  
**Packing Group:** III  
**Description:** UN2876, Resorcinol, 6.1, III, ENVIRONMENTALLY HAZARDOUS

### ICAO

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Risk:** No information available

**Packing Group:** III  
**Description:** UN2876, Resorcinol, 6.1, III

**IATA**

**UN-No:** UN2876  
**Proper Shipping Name:** Resorcinol  
**Hazard Class:** 6.1  
**Subsidiary Risk:** No information available  
**Packing Group:** III  
**ERG Code:** 6L  
**Special Provisions** No information available  
**Description:** UN2876, Resorcinol, 6.1, III

**15. REGULATORY INFORMATION**

**International Inventories**

Components	CAS-No.	U.S. TSCA	KOREA KECL	Philippines (PICCS)	Japan ENCS	CHINA	Australia (AICS)	EINECS-No.
Resorcinol	108-46-3	Present ACTIV E	Present KE-02557	Present	Present (5)-5000	Present	Present	Present 203-585-2

**U.S. Regulations**

*Resorcinol*

**Massachusetts RTK:** Present  
**New Jersey RTK Hazardous Substance List:** 1634  
**New Jersey - Discharge Prevention - List of Hazardous Substances:** Present  
**Pennsylvania RTK:** Environmental hazard  
**Pennsylvania RTK - Environmental Hazard List** Present  
**Minnesota - Hazardous Substance List:** Present  
**New York Release Reporting - List of Hazardous Substances:**  
 5000 lb RQ  
 1 lb RQ  
**Louisiana Reportable Quantity List for Pollutants:** 5000lbfinal RQ  
 2270kgfinal RQ  
**California Directors List of Hazardous Substances:** Present

**FDA - 21 CFR - Total Food Additives** 177.1210

**California Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.**

**Chemicals Known to the State of California to Cause Cancer:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

**Chemicals Known to the State of California to Cause Reproductive Toxicity:**

This product does not contain a chemical requiring a warning under California Prop. 65. (See table below)

Components	CAS-No.	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Resorcinol	108-46-3	Not Listed	Not Listed	Not Listed	Not Listed

**CERCLA/SARA**

Components	CAS-No.	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Resorcinol	108-46-3	5000 lb final RQ 2270 kg final RQ	None	None	None	None

## U.S. TSCA

Components	CAS-No.	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Resorcinol	108-46-3	Not Applicable	Not Applicable

## Canada

### WHMIS 2015 - GHS Classifications

WHMIS 2015 Hazard Classification Information:

Component  
Resorcinol  
108-46-3 ( 100 )

WHMIS 2015 Hazard Classification  
Acute toxicity - Oral - Category 4: H302 Harmful if swallowed.;  
Serious Eye Damage/Eye Irritation - Category 1: H318 Causes serious eye damage.; Skin sensitizers - Category 1: H317 May cause allergic skin reaction.

**Canada Hazardous Products Regulation** This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

### WHMIS 1988 Hazard Class

D1B Toxic materials

D2B Toxic materials

### Canada Controlled Products Regulation:

This product has been classified according to the hazard criteria of the CPR (Controlled Products Regulation) and the MSDS contains all of the information required by the CPR.

Components	WHMIS Ingredient Disclosure List -
Resorcinol	1 %

### Inventory

Components	CAS-No.	Canada (DSL)	Canada (NDSL)
Resorcinol	108-46-3	Present	Not Listed

Components	CAS-No.	CEPA Schedule I - Toxic Substances
Resorcinol	108-46-3	Not listed
Components	CAS-No.	CEPA - 2010 Greenhouse Gases Subject to Mandatory Reporting
Resorcinol	108-46-3	Not listed

### EU Classification

#### EU GHS - SV - CLP 1272/2008

Components	CAS-No.	EU GHS - SV - CLP (1272/2008)
Resorcinol	108-46-3	Acute toxicity - Oral - Acute Tox. 4: H302 Harmful if swallowed. (Minimum classification); Skin corrosion/irritation - Skin Irrit. 2: H315 Causes skin irritation.; Serious Eye Damage/Eye Irritation - Eye Irrit. 2: H319 Causes serious eye irritation.; Hazardous to aquatic environment - acute hazard - Aquatic Acute 1: H400 Very toxic to aquatic life.604-010-00-1

#### EU - CLP (1272/2008)

**R-phrase(s)**

R22 - Harmful if swallowed.

R50 - Very toxic to aquatic organisms.

R36/38 - Irritating to eyes and skin.

**S -phrase(s)**

S 2 - Keep out of the reach of children.

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets.

Components	CAS-No.	Classification	Concentration Limits:	Safety Phrases
Resorcinol	108-46-3	Xn; R22 Xi; R36/38 N; R50	10%≤C Xn; R22	S: 2-26-61

The product is classified in accordance with Annex VI to Directive 67/548/EEC

**Indication of danger:**

Xn - Harmful.

Xi - Irritant.

N - Dangerous for the environment.

Xn



Xi



N

**16. OTHER INFORMATION**

Preparation Date: 06/10/2015  
Revision Date: 06/28/2018  
Prepared by: Sonia Owen

**Disclaimer:**

All chemicals may pose unknown hazards and should be used with caution. This Safety Data Sheet (SDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this SDS. The physical properties reported in this SDS are obtained from the literature and do not constitute product specifications. Information contained herein does not constitute a warranty, whether expressed or implied, as to the safety, merchantability or fitness of the goods for a particular purpose. Spectrum Chemicals & Laboratory Products, Inc. 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. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this SDS is based on technical data judged to be reliable, Spectrum assumes no responsibility for the completeness or accuracy of the information contained herein.

End of Safety Data Sheet