

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016


### 1 Identification

- **Product identifier**
- **Trade name:** HEDRIX Water-Based Spray - All Colors
- **Product code:** 994944, 994949, 994950, 994965
- **Colors:** All colors
- **Recommended use and restriction on use**
- **Recommended use:** Consumer use
- **Restrictions on use:** See Sections 8 and 10 for further information.
  
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
 Hedrix  
 222 S. Livingston Ave  
 Livingston, NJ 07039  
 973-963-2640
- **Emergency telephone number:**  
 ChemTel Inc.  
 (800)255-3924, +1 (813)248-0585

### 2 Hazard(s) identification

- **Classification of the substance or mixture**  
 Flam. Aerosol 1 H222 Extremely flammable aerosol.  
 Press. Gas H280 Contains gas under pressure; may explode if heated.  
 Skin Sens. 1 H317 May cause an allergic skin reaction.  
 Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

---

- **Label elements**
- **GHS label elements**  
 The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms:**  
  
 GHS02 GHS04 GHS07 GHS08
- **Signal word:** Danger
- **Hazard statements:**  
 H222 Extremely flammable aerosol.  
 H280 Contains gas under pressure; may explode if heated.  
 H317 May cause an allergic skin reaction.  
 H351 Suspected of causing cancer. Route of exposure: Inhalation.
- **Precautionary statements:**  
 P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
 P251 Pressurized container: Do not pierce or burn, even after use.  
 P211 Do not spray on an open flame or other ignition source.

(Cont'd. on page 2)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 1)









P261 Avoid breathing mist, vapors, or spray.  
 P280 Wear protective gloves and eye protection.  
 P272 Contaminated work clothing must not be allowed out of the workplace.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P363 Wash contaminated clothing before reuse.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P308+P313 IF exposed or concerned: Get medical advice/attention.  
 P405 Store locked up.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
 P403 Store in a well-ventilated place.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Other hazards** There are no other hazards not otherwise classified that have been identified.

### 3 Composition/information on ingredients

· **Chemical characterization: Mixtures**

· **Components:**

115-10-6	dimethyl ether  Flam. Gas 1, H220  Press. Gas, H280	20-40%
13463-67-7	titanium dioxide  Carc. 2, H351	0-10%
7727-43-7	barium sulphate, natural	0-2%
61790-53-2	Diatomaceous earth (Silica-Amorphous)	0-2%
92704-41-1	Kaolin, calcined	0-2%
1314-13-2	zinc oxide	0-2%
41556-26-7	bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate  Skin Sens. 1, H317	<1%
104810-48-2	Poly(oxy-1,2-ethanediyl), .alpha.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.omega.-hydroxy-  Skin Sens. 1, H317	<1%
330-54-1	diuron(ISO)  Carc. 2, H351; STOT RE 2, H373  Acute Tox. 4, H302	<1%
104810-47-1	Poly(oxy-1,2-ethanediyl), α-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-ω-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-  Skin Sens. 1, H317	<1%

· **Additional information:**

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

For the wording of the listed Hazard Statements refer to section 16.

(Cont'd. on page 3)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 2)

### 4 First-aid measures

**Description of first aid measures****After inhalation:**

Supply fresh air; consult doctor in case of complaints.  
Provide oxygen treatment if affected person has difficulty breathing.  
In case of irregular breathing or respiratory arrest provide artificial respiration.

**After skin contact:**

Immediately wash with water and soap and rinse thoroughly.  
If skin irritation is experienced, consult a doctor.  
In cases of frostbite, rinse with plenty of water. Do not remove clothing.

**After eye contact:**

Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Unlikely route of exposure.  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; immediately call for medical help.

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

Headache  
Breathing difficulty  
Coughing  
Dizziness  
Frostbite  
Slight irritant effect on skin and mucous membranes.  
Slight irritant effect on eyes.  
Allergic reactions  
Gastric or intestinal disorders when ingested.  
Nausea in case of ingestion.  
Vomiting.  
Diarrhea.

**Danger:**

Danger of impaired breathing.  
Suspected of causing cancer. Route of exposure: Inhalation.

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

Medical supervision for at least 48 hours.  
If medical advice is needed, have product container or label at hand.

### 5 Fire-fighting measures

**Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray.

**For safety reasons unsuitable extinguishing agents:** Water stream.**Special hazards arising from the substance or mixture**

Danger of receptacles bursting because of high vapor pressure if heated.  
Formation of toxic gases is possible during heating or in case of fire.

(Cont'd. on page 4)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 3)

- **Advice for firefighters**
- **Protective equipment:**
  - Wear self-contained respiratory protective device.
  - Wear fully protective suit.
- **Additional information:**
  - Eliminate all ignition sources if safe to do so.
  - Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
  - Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
  - Ensure adequate ventilation.
  - Use personal protective equipment as required.
  - Keep away from ignition sources.
  - Protect from heat.
- **Environmental precautions**
  - Do not allow to enter sewers/ surface or ground water.
  - Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up**
  - Towel or mop up material and collect in a suitable container.
  - Send for recovery or disposal in suitable receptacles.
- **Reference to other sections**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
  - Use only in well ventilated areas.
  - Avoid splashes or spray in enclosed areas.
  - Do not spray on flame or other ignition sources. No smoking.
  - Keep out of reach of children.
  - Avoid breathing mist, vapors, or spray.
  - Avoid contact with the eyes and skin.
- **Information about protection against explosions and fires:**
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.
  - Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120 °F / 49 °C, i.e. electric lights. Do not pierce or burn, even after use.
  - Do not spray on a naked flame or any incandescent material.
  - Emergency cooling must be available in case of nearby fire.
  - Flammable gas-air mixtures may be formed in empty containers/receptacles.
  - Keep respiratory protective device available.

(Cont'd. on page 5)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 4)

- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**  
 Avoid storage near extreme heat, ignition sources or open flame.  
 Provide ventilation for receptacles.  
 Observe official regulations on storing packagings with pressurized containers.
- **Information about storage in one common storage facility:**  
 Store away from foodstuffs.  
 Store away from oxidizing agents.
- **Further information about storage conditions:**  
 Store in a cool place. Heat will increase pressure and may lead to the receptacle bursting.
- **Specific end use(s)** No relevant information available.

### 8 Exposure controls/personal protection

- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

**115-10-6 dimethyl ether**

WEEL (USA)	Long-term value: 1000 ppm
EL (Canada)	Long-term value: 1000 ppm

**13463-67-7 titanium dioxide**

PEL (USA)	Long-term value: 15* mg/m <sup>3</sup> *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup> withdrawn from NIC
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust; **respirable fraction; IARC 2B
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup> A4

**61790-53-2 Diatomaceous earth (Silica-Amorphous)**

PEL (USA)	20mppcf or 80mg/m <sup>3</sup> /%SiO <sub>2</sub>
REL (USA)	Long-term value: 6 mg/m <sup>3</sup> See Pocket Guide App. C
TLV (USA)	TLV withdrawn
EL (Canada)	Long-term value: 4* 1.5** mg/m <sup>3</sup> *total, **respirable
EV (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> uncalcined; *inhalable; **respirable
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup> (e)

(Cont'd. on page 6)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 5)

### 7727-43-7 barium sulphate, natural

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL (USA)	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV (USA)	Long-term value: 5* mg/m <sup>3</sup> *inhalable fraction; E
EL (Canada)	Long-term value: 10* 3** mg/m <sup>3</sup> *total dust, **respirable fraction
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup> total dust
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup>

### 92704-41-1 Kaolin, calcined

LMPE (Mexico)	Short-term value: 20 mg/m <sup>3</sup> Long-term value: 10 mg/m <sup>3</sup> (j), A4
---------------	--------------------------------------------------------------------------------------------

### 330-54-1 diuron(ISO)

REL (USA)	Long-term value: 10 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 10 mg/m <sup>3</sup>
EL (Canada)	Long-term value: 10 mg/m <sup>3</sup>
EV (Canada)	Long-term value: 10 mg/m <sup>3</sup>
LMPE (Mexico)	Long-term value: 10 mg/m <sup>3</sup> A4

### 1314-13-2 zinc oxide

PEL (USA)	Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction and fume
REL (USA)	Short-term value: 10** mg/m <sup>3</sup> Long-term value: 5 mg/m <sup>3</sup> Ceiling limit value: 15* mg/m <sup>3</sup> *dust only **fume
TLV (USA)	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction
EL (Canada)	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup>
EV (Canada)	Short-term value: 10 mg/m <sup>3</sup> Long-term value: 2 mg/m <sup>3</sup> respirable
LMPE (Mexico)	Short-term value: 10* mg/m <sup>3</sup> Long-term value: 2* mg/m <sup>3</sup> *fracción respirable

(Cont'd. on page 7)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 6)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:**  
NIOSH or EU approved mist respirator is recommended in areas where general ventilation is poor.
- **Protection of hands:**



Protective gloves

- **Eye protection:**



Safety glasses

- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment**  
Avoid release to the environment.

### 9 Physical and chemical properties

#### · Information on basic physical and chemical properties

- **Appearance:**
  - **Form:** Aerosol
  - **Color:** According to product specification
- **Odor:** Ether-like
- **Odor threshold:** Not determined.

- **pH-value:** Not determined.
- **Melting point/Melting range:** Not applicable, as aerosol.
- **Boiling point/Boiling range:** Not applicable, as aerosol.

- **Flash point:** Extremely flammable aerosol.  
Not applicable, as aerosol.

- **Flammability (solid, gaseous):** Not applicable.

- **Auto-ignition temperature:** Not determined.

- **Decomposition temperature:** Not determined.

- **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.

(Cont'd. on page 8)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 7)

· <b>Explosion limits</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Oxidizing properties:</b>	Not determined.
· <b>Vapor pressure:</b>	Not determined.
· <b>Density:</b>	
<b>Relative density:</b>	Not determined.
<b>Vapor density:</b>	Not determined.
<b>Evaporation rate:</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Partly miscible.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity</b>	
<b>Dynamic:</b>	Not determined.
<b>Kinematic:</b>	Not determined.
· <b>Other information</b>	No relevant information available.

### 10 Stability and reactivity

- **Reactivity:** No relevant information available.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**  
Danger of receptacles bursting because of high vapor pressure if heated.
- **Possibility of hazardous reactions**  
Extremely flammable aerosol.  
Develops readily flammable gases / fumes.  
Reacts with oxidizing agents.  
Reacts with strong acids and alkali.  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.
- **Conditions to avoid** Excessive heat.
- **Incompatible materials** Oxidizers, strong bases, strong acids
- **Hazardous decomposition products**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Sulfur oxides (SO<sub>x</sub>)  
Toxic metal oxide smoke

(Cont'd. on page 9)



## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 8)

### 11 Toxicological information

· **Information on toxicological effects**

· **Acute toxicity:**

· **LD/LC50 values that are relevant for classification:**

**1314-13-2 zinc oxide**

Oral | LD50 | > 5000 mg/kg (rat)

· **Primary irritant effect:**

· **On the skin:** Slight irritant effect on skin and mucous membranes.

· **On the eye:** Slight irritant effect on eyes.

· **Sensitization:** Sensitization possible through skin contact.

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

13463-67-7 | titanium dioxide

2B

· **NTP (National Toxicology Program):**

None of the ingredients are listed.

· **OSHA-Ca (Occupational Safety & Health Administration):**

None of the ingredients are listed.

· **Probable route(s) of exposure:**

Inhalation.

Eye contact.

Skin contact.

· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

Carc. 2

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** May cause cancer. Route of exposure: Inhalation.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

### 12 Ecological information

· **Toxicity**

· **Aquatic toxicity**

Toxic to aquatic life with long lasting effects.

**41556-26-7 bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate**

LC50 | 0.97 mg/l (lepomis macrochirus)

· **Persistence and degradability** No relevant information available.

· **Bioaccumulative potential:** No relevant information available.

· **Mobility in soil:** No relevant information available.

· **Additional ecological information**

· **General notes:** Do not allow product to reach ground water, water course or sewage system.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

(Cont'd. on page 10)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 9)

- **vPvB:** Not applicable.
- **Other adverse effects** No relevant information available.

### 13 Disposal considerations

- **Waste treatment methods**

- **Recommendation:**

Contact waste processors for recycling information.

Smaller quantities can be disposed of with household waste.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- **Uncleaned packagings**

- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **UN-Number**

- DOT, IATA

ID8000

- ADR, IMDG

UN1950

- **UN proper shipping name**

- DOT, IATA

Consumer commodity

- ADR, IMDG

AEROSOLS

- **Transport hazard class(es)**

- DOT, IATA



- **Class**

9 Miscellaneous dangerous substances and articles

- **Label**

9

- **ADR**



- **Class**

2 5F Gases

- **Label**

2.1

(Cont'd. on page 11)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 10)

**· IMDG**


· Class	2.1
· Label	2.1

· Packing group	Aerosols are not assigned a packing group.
-----------------	--------------------------------------------

· Environmental hazards	Product contains environmentally hazardous substances: zinc oxide, bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate
-------------------------	--------------------------------------------------------------------------------------------------------------------

· Marine pollutant:	Yes Symbol (fish and tree)
---------------------	-------------------------------

· Special precautions for user	Warning: Gases
--------------------------------	----------------

· Danger code (Kemler):	-
-------------------------	---

· EMS Number:	F-D,S-U
---------------	---------

· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
---------------------------------------------------------------------------	-----------------

**· Transport/Additional information:**
**· ADR**


Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.

**· IMDG**


Limited Quantity for packages less than 30 kg gross and inner packagings less than 1 L.

### 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- United States (USA)
- SARA

**· Section 302 (extremely hazardous substances):**

None of the ingredients are listed.

**· Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

(Cont'd. on page 12)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 11)

· **Section 313 (Specific toxic chemical listings):**

Substance / component not listed individually, but listed under family group as Zinc salts.

7727-43-7	barium sulphate, natural
1314-13-2	zinc oxide

· **TSCA (Toxic Substances Control Act)**

All ingredients are listed or exempt.

· **Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

115-10-6	dimethyl ether	10000
----------	----------------	-------

· **Proposition 65 (California)**

· **Chemicals known to cause cancer:**

13463-67-7	titanium dioxide
330-54-1	diuron(ISO)

· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**

None of the ingredients are listed.

· **Carcinogenic categories**

· **EPA (Environmental Protection Agency):**

7727-43-7	barium sulphate, natural	D, CBD(inh), NL(oral)
1314-13-2	zinc oxide	D, I, II

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

13463-67-7	titanium dioxide	2B
------------	------------------	----

· **NIOSH-Ca (National Institute for Occupational Safety and Health):**

13463-67-7	titanium dioxide
------------	------------------

· **Canadian Domestic Substances List (DSL):**

All ingredients are listed or exempt.

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Date of preparation / last revision** 11/09/2016 / -

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road  
 IMDG: International Maritime Code for Dangerous Goods  
 DOT: US Department of Transportation  
 IATA: International Air Transport Association  
 CAS: Chemical Abstracts Service (division of the American Chemical Society)  
 LC50: Lethal concentration, 50 percent

(Cont'd. on page 13)

## Safety Data Sheet

acc. to OSHA HCS (29 CFR 1910.1200) and WHMIS 2015 regulations

Printing date: 11/09/2016

Revision: 11/09/2016

**Trade name: HEDRIX Water-Based Spray - All Colors**

(Cont'd. of page 12)

LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
LDLo: Lowest Lethal Dose Observed  
Flam. Gas 1: Flammable gases – Category 1  
Flam. Aerosol 1: Aerosols – Category 1  
Press. Gas: Gases under pressure – Compressed gas  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Sens. 1: Skin sensitisation – Category 1  
Carc. 2: Carcinogenicity – Category 2  
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

### • Sources

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))  
Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sor\\_internet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sor_internet/registry/substreg/home/overview/home.do))  
Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))  
Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6  
Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.  
Safety Data Sheets, Individual Manufacturers

SDS Prepared by:  
ChemTel Inc.  
1305 North Florida Avenue  
Tampa, Florida USA 33602-2902  
Toll Free North America 1-888-255-3924 Intl. +01 813-248-0573  
Website: [www.chemtelinc.com](http://www.chemtelinc.com)