



**Safety Data Sheet**  
according to 1907/2006/EC (REACH), 1272/2008/EC (CLP), and  
GHS HCS 2012

**Trade name: Quart'r Packs Extra-Strength Cleaner**

**1 Identification of the substance/mixture and of the company/undertaking**

- **1.1 Product identifier**
- **Trade name:** Quart'r Packs Extra-Strength Cleaner      ST-680, ST-681
- **Article number:** GP90Q
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the preparation** Cleaning agent/ Cleaner

**Product dilution information:** 3.5g per 1 quart of warm water

- **1.3 Details of the supplier of the Safety Data Sheet**

Stearns Packaging Corporation  
4200 Sycamore Avenue (53714)  
PO Box 3216  
Madison, WI 53704-0216  
Phone: 800-655-5008  
Email: [stearns@stearnspkg.com](mailto:stearns@stearnspkg.com)  
Website: [www.stearnspkg.com](http://www.stearnspkg.com)



- **1.4 Emergency telephone number:**

ChemTel Inc.  
(800)255-3924, +1 (813)248-0585



**2 Hazards identification**

- **2.1 Classification of the substance or mixture**

- **Classification according to Regulation (EC) No 1272/2008**

Product as SOLD	Product at USE DILUTION
 GHS05 Eye Dam. 1 H318 Causes serious eye damage.	Not classified.
 GHS07 Acute Tox. 4                      H302 Harmful if swallowed. Skin Irrit. 2                      H315 Causes skin irritation.	Not classified.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 Xn; Harmful R22: Harmful if swallowed.	Not classified.
 Xi; Irritant R36: Irritating to eyes	Not classified.

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.	The mixture does not meet the criteria for classification.
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**• Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

The classification is in accordance with the latest editions of international substances lists, and is supplemented by information from technical literature and by information provided by the company.

**• 2.2 Label elements**

**• Labeling according to Regulation (EC) No 1272/2008**

**Product as SOLD**

**Product at USE DILUTION**

The product is classified and labeled according to the CLP regulation.

The mixture does not meet the criteria for classification.

**• Hazard pictograms**



GHS05 GHS07

None

**• Signal word** Danger

No signal word.

**• Hazard-determining components of labelling:**

sodium dodecylbenzenesulphonate  
alcohols, C12-15, ethoxylated

Not applicable

**• Hazard statements**

The following Hazard Statements are applicable only to the EU regulations and not the US GHS regulation: H412.  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.

**• Precautionary statements**

P102 Keep out of reach of children.  
P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves / eye protection.  
P264 Wash hands thoroughly after handling.  
P305+P351+P338 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 / doctor.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
P332+P313 If skin irritation occurs: Get medical advice/ attention.  
P301+P312+P330 IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.  
P501 Dispose of contents/container in accordance with local regulations.

Keep out of reach of children.  
Avoid contact with eyes.  
Wear protective eyewear if contact is possible.

Unused product or its solutions may be poured down the drain. Never pour unused product or its solutions down an outdoor drain.

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### 3 Composition/information on ingredients

• **3.2 Mixtures**

• **Description:** Mixture of substances listed below with nonhazardous additions.

• <b>Dangerous components:</b>		
CAS: 25155-30-0 EINECS: 246-680-4	sodium dodecylbenzenesulphonate  -----  Acute Tox. 4, H302; Eye Irrit. 2A, H319	10-25%
CAS: 497-19-8 EINECS: 207-838-8 Index number: 011-005-00-2	Sodium Carbonate  -----  Eye Irrit. 2A, H319	10-25%
CAS: 68131-39-5	alcohols, C12-15, ethoxylated  -----  Eye Dam. 1, H318	<10%
CAS: 112926-00-8	Precipitated silica (Silica-Amorphous) substance with a Community workplace exposure limit	<10%

• **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First-aid measures

• **4.1 Description of first aid measures**

Product as SOLD	Product at USE DILUTION
• <b>General information:</b> No special measures required.	No special measures required.
• <b>After inhalation:</b> Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.
• <b>After skin contact:</b> Brush off loose particles from skin. Immediately rinse with water. If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
• <b>After eye contact:</b> Remove contact lenses if worn. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.	No known effect after eye contact. Rinse with water for a few minutes. If irritation persists, get medical attention.
• <b>After swallowing:</b> Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.
• <b>4.2 Most important symptoms and effects, both acute and delayed</b> Eye damage. Irritant to skin and mucous membranes. Gastric or intestinal disorders.	No known effects.
• <b>Hazards</b> Danger of severe eye injury. Harmful if swallowed.	No known effects.
• <b>4.3 Indication of any immediate medical attention and special treatment needed</b>	
No further relevant information available.	No further relevant information available.

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### 5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** None.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information** No further relevant information available.

### 6 Accidental release measures

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

Product as SOLD	Product at USE DILUTION
Use respiratory protective device against the effects of fumes/dust/aerosol. Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Avoid formation of dust. Product forms slippery surface when combined with water.	Use personal protective equipment as required.

#### • 6.2 Environmental precautions:

No special measures required.	Avoid contact of large amounts of spilled material and run off with soil and surface waterways.
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#### • 6.3 Methods and material for containment and cleaning up:

Pick up mechanically. Dispose contaminated material as waste according to item 13. Clean the affected area carefully; suitable cleaners are: Warm water	Large Spills: Flush area with water. Prevent entry into waterways. Small Spills: Wipe up with absorbent material.
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#### • 6.4 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.	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.
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### 7 Handling and storage

#### • 7.1 Precautions for safe handling

Product as SOLD	Product at USE DILUTION
Prevent formation of dust. Any unavoidable deposit of dust must be regularly removed.	No special measures required.
<b>• Information about fire - and explosion protection:</b>	
Dust can combine with air to form an explosive mixture.	No special measures required.

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Product as SOLD	Product at USE DILUTION
<b>• 7.2 Conditions for safe storage, including any incompatibilities</b>	
<b>• Storage:</b>	
<b>• Requirements to be met by storerooms and receptacles:</b>	
Protect from humidity and water. Avoid storage near extreme heat, ignition sources or open flame.	Keep out of reach of children.
<b>• Information about storage in one common storage facility:</b>	
Store away from foodstuffs. Store away from oxidizing agents. Do not store together with acids.	No storage precautions necessary.
<b>• Further information about storage conditions:</b>	
Store in cool, dry conditions in well sealed receptacles. This product is hygroscopic. Protect from humidity and water. Protect from freezing.	No storage precautions necessary.
<b>• 7.3 Specific end use(s)</b> No further relevant information available.	

## 8 Exposure controls/personal protection

**• Additional information about design of technical facilities:** No further data; see item 7.

Product as SOLD

Product at USE DILUTION

**• 8.1 Control parameters**

**• Ingredients with limit values that require monitoring at the workplace:**

### 112926-00-8 Precipitated silica (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 mg/m <sup>3</sup>

**• DNELs** No further relevant information available.

**• PNECs** No further relevant information available.

**• Additional information:** The lists valid during the making were used as basis.

**• 8.2 Exposure controls**

**• Personal protective equipment:**

**• General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes.  
Avoid close or long term contact with the skin.



Not required under normal conditions of use.

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Product as SOLD	Product at USE DILUTION
<b>• Respiratory protection:</b>	
Not required under normal conditions of use. For spills, respiratory protection may be advisable. Use suitable respiratory protective device when high concentrations are present. Particulate mask should filter at least 99% of airborne particles.	A respirator is not required under normal and intended conditions of use.
<b>• Protection of hands:</b>	
 Protective gloves  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.	No protective equipment is needed under normal conditions.
<b>• Material of gloves</b>	
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.	No protective equipment is needed under normal conditions.
<b>• Penetration time of glove material</b>	
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	No protective equipment is needed under normal conditions.
<b>• Eye protection:</b>	
 Safety glasses	No protective equipment is needed under normal conditions.
<b>• Body protection:</b>	
Alkaline resistant protective clothing	No protective equipment is needed under normal conditions.
<b>• Limitation and supervision of exposure into the environment</b>	
No further relevant information available.	No further relevant information available.
<b>• Risk management measures</b>	
See Section 7 for additional information. No further relevant information available.	See Section 7 for additional information. No further relevant information available.

## 9 Physical and chemical properties

	Product as SOLD	Product at USE DILUTION
<b>• 9.1 Information on basic physical and chemical properties</b>		
<b>• General Information</b>		
<b>• Appearance:</b>		
<b>Form:</b>	Powder	Liquid
<b>Color:</b>	Green	Green

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	Product as SOLD	Product at USE DILUTION
<ul style="list-style-type: none"> <li>• <b>General Information</b></li> <li>• <b>Appearance:</b> <ul style="list-style-type: none"> <li>Form: Powder</li> <li>Color: Green</li> </ul> </li> <li>• <b>Odor:</b> Pleasant</li> <li>• <b>Odor threshold:</b> Not determined.</li> </ul>		<ul style="list-style-type: none"> <li>Liquid</li> <li>Green</li> <li>Pleasant</li> <li>Not determined.</li> </ul>
• <b>pH-value at 20 °C:</b>	Not applicable.	9.5 ± 0.5
<ul style="list-style-type: none"> <li>• <b>Change in condition</b> <ul style="list-style-type: none"> <li>Melting point/Melting range: Undetermined.</li> <li>Boiling point/Boiling range: Undetermined.</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Not applicable.</li> <li>212 °F / 100 °C</li> </ul>
• <b>Flash point:</b>	>200 °F / >93.3 °C	Not determined.
• <b>Flammability (solid, gaseous):</b>	Not determined.	Not applicable.
• <b>Ignition temperature:</b>	Not determined.	Not applicable.
• <b>Decomposition temperature:</b>	Not determined.	Not determined.
• <b>Self-igniting:</b>	Product is not self-igniting.	Product is not self-igniting.
• <b>Danger of explosion:</b>	Product does not present an explosion hazard.	Product does not present an explosion hazard.
<ul style="list-style-type: none"> <li>• <b>Explosion limits:</b> <ul style="list-style-type: none"> <li>Lower: Not determined.</li> <li>Upper: Not determined.</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Not determined.</li> <li>Not determined.</li> </ul>
• <b>Vapor pressure at 20 °C:</b>	Not applicable.	Not determined.
<ul style="list-style-type: none"> <li>• <b>Density at 20 °C:</b> 1.1 g/cm<sup>3</sup></li> <li>• <b>Relative density</b> Not determined.</li> <li>• <b>Vapor density</b> Not applicable.</li> <li>• <b>Evaporation rate</b> Not applicable.</li> </ul>		<ul style="list-style-type: none"> <li>1.00 g/cm<sup>3</sup></li> <li>Not determined.</li> <li>Not applicable.</li> <li>Not applicable</li> </ul>
• <b>Solubility in / Miscibility with water:</b>	Soluble.	Complete
• <b>Partition coefficient (n-octanol/water):</b>	Not determined.	Not determined.
<ul style="list-style-type: none"> <li>• <b>Viscosity:</b> <ul style="list-style-type: none"> <li>Dynamic: Not applicable.</li> <li>Kinematic: Not applicable.</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>Not determined.</li> <li>Not determined.</li> </ul>
• <b>9.2 Other information</b>	No further relevant information available.	No further relevant information available.

## 10 Stability and reactivity

- **10.1 Reactivity** Not determined.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Reacts with strong acids and oxidizing agents.  
Toxic fumes may be released if heated above the decomposition point.  
As the product is supplied it is not capable of dust explosion; however enrichment with fine dust causes risk of dust explosion.
- **10.4 Conditions to avoid** Store away from oxidizing agents.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
Carbon monoxide and carbon dioxide  
Nitrogen oxides (NO<sub>x</sub>)  
Sulphur oxides (SO<sub>x</sub>)

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## 11 Toxicological information

### • 11.1 Information on toxicological effects

Product as SOLD	Product at USE DILUTION
<ul style="list-style-type: none"> <li>• <b>Acute toxicity:</b> Calculated oral toxicity LD50: 2,686 mg/kg (Rat)</li> </ul>	Non-toxic at use-dilution.
<ul style="list-style-type: none"> <li>• <b>Primary irritant effect:</b></li> </ul>	
<ul style="list-style-type: none"> <li>• <b>on the skin:</b> Slight irritant effect on skin and mucous membranes.</li> </ul>	No adverse effects due to skin contact are expected.
<ul style="list-style-type: none"> <li>• <b>on the eye:</b> Irritating effect.</li> </ul>	Direct contact with eyes may cause temporary irritation.
<ul style="list-style-type: none"> <li>• <b>Sensitization:</b> No sensitizing effects known.</li> </ul>	No sensitizing effects known.
<ul style="list-style-type: none"> <li>• <b>Additional toxicological information:</b></li> </ul>	
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:	
Harmful Irritant	Not classified No known significant effects or critical hazards.

## 12 Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** The product contains materials that are harmful to the environment.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
  - Water Hazard Class (Self-classification) in the concentrate.
  - This statement was deduced from the properties of the single components.
  - Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
  - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
  - Harmful to aquatic organisms
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

#### • 13.1 Waste treatment methods

Product as SOLD	Product at USE DILUTION
<b>• Recommendation</b> Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. 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. Residual materials should be treated as hazardous.	
<b>• Uncleaned packaging:</b> <b>• Recommendation:</b> Disposal must be made according to official regulations. <b>• Recommended cleansing agents:</b> Water only.	
	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

### 14 Transport information

Product as SOLD	
<b>• 14.1 UN-Number</b> <b>• DOT, ADR, ADN, IMDG, IATA</b>	N/A
<b>• 14.2 UN proper shipping name</b> <b>• DOT, ADR, ADN, IMDG, IATA</b>	Cleaning Compounds, NOI, powder.
<b>• 14.3 Transport hazard class(es)</b> <b>• DOT, ADR, ADN, IMDG, IATA</b> <b>• Class</b>	N/A
<b>• 14.4 Packing group</b> <b>• DOT, ADR, IMDG, IATA</b>	N/A
<b>• 14.5 Environmental hazards:</b> <b>• Marine pollutant:</b>	No
<b>• 14.6 Special precautions for user</b>	Not applicable.
<b>• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable.
<b>• UN "Model Regulation":</b>	Cleaning Compounds, NOI, powder.
<b>Product at USE DILUTION</b> Not intended for transport.	

### 15 Regulatory information

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

Product as SOLD	Product at USE DILUTION
<b>• Section 355 (extremely hazardous substances):</b>	
None of the ingredients is listed.	Not applicable.

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Product as SOLD	Product at USE DILUTION
<b>• Section 313 (Specific toxic chemical listings):</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• TSCA (Toxic Substances Control Act):</b>	
All ingredients are listed.	All ingredients are listed.
<b>• Proposition 65 (California):</b>	
<b>• Chemicals known to cause cancer:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Chemicals known to cause reproductive toxicity for females:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Chemicals known to cause reproductive toxicity for males:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Chemicals known to cause developmental toxicity:</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Carcinogenic Categories</b>	
<b>• EPA (Environmental Protection Agency)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• IARC (International Agency for Research on Cancer)</b>	
112926-00-8	Precipitated silica (Silica-Amorphous) 3 Not applicable.
<b>• TLV (Threshold Limit Value established by ACGIH)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• NIOSH-Ca (National Institute for Occupational Safety and Health)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• OSHA-Ca (Occupational Safety &amp; Health Administration)</b>	
All ingredients are listed.	All ingredients are listed.
<b>• Canada</b>	
<b>• Canadian Domestic Substances List (DSL)</b>	
All ingredients are listed.	All ingredients are listed.
<b>• Canadian Ingredient Disclosure list (limit 0.1%)</b>	
None of the ingredients is listed.	None of the ingredients is listed.
<b>• Canadian Ingredient Disclosure list (limit 1%)</b>	
25155-30-0	sodium dodecylbenzenesulphonate Not applicable.
497-19-8	Sodium Carbonate Not applicable.

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

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## 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.

### • Relevant phrases

H302 Harmful if swallowed.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.

R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R41 Risk of serious damage to eyes.

Product as SOLD	Product at USE DILUTION																
<b>• Hazardous Material Information System (U.S.A.)</b>																	
<table border="1"> <tr><td>Health</td><td style="text-align: center;">2</td></tr> <tr><td>Flammability</td><td style="text-align: center;">0</td></tr> <tr><td>Physical hazards</td><td style="text-align: center;">0</td></tr> <tr><td> </td><td> </td></tr> </table>	Health	2	Flammability	0	Physical hazards	0			<table border="1"> <tr><td>Health</td><td style="text-align: center;">0</td></tr> <tr><td>Flammability</td><td style="text-align: center;">0</td></tr> <tr><td>Physical hazards</td><td style="text-align: center;">0</td></tr> <tr><td> </td><td> </td></tr> </table>	Health	0	Flammability	0	Physical hazards	0		
Health	2																
Flammability	0																
Physical hazards	0																
Health	0																
Flammability	0																
Physical hazards	0																
4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant	4=Very High; 3=High; 2=Moderate; 1=Slight; 0=Insignificant																

Product as SOLD	Product at USE DILUTION
<b>• NFPA ratings (scale 0 - 4)</b>	
 <p>Health = 2 Fire = 0 Reactivity = 0</p>	 <p>Health = 0 Fire = 0 Reactivity = 0</p>

**MSDS File Name:** GP90Q QUARTR PACKS EXTRA-STRENGTH CLEANER SDS

**EPA/DfE Recognized:** Yes

### • Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (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  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
WHMIS: Workplace Hazardous Materials Information System (Canada)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LD50: Lethal dose, 50 percent

### • Sources

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)

**Revision:** 08/15/2014

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