

## Safety Data Sheet

acc. to HCS and GHS

Printing date 11/26/2014

Reviewed on 11/26/2014

### 1 Identification

- **Product identifier**
- **Trade name:** do-it ALL Brand Foaming Germicidal Cleaner
- **Article number:** A080
- **Application of the substance / the mixture** Surface disinfectant
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**  
ITW Pro Brands  
805 East Old 56 Highway  
Olathe, Kansas 66061  
Phone: 1-800-224-4860
- **Emergency telephone number:** Infotrac Emergency Hotline: 1-800-535-5053

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
Eye Irrit. 2A H319 Causes serious eye irritation.  
Skin Sens. 1 H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The following classifications are applicable only to OSHA (USA) regulations and not the specific CLP regulation: H317.

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms**



GHS07

- **Signal word** Warning

- **Hazard-determining components of labeling:**

(R)-p-mentha-1,8-diene

- **Hazard statements**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H317 May cause an allergic skin reaction.

- **Precautionary statements**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P251 Pressurized container: Do not pierce or burn, even after use.  
P260 Do not breathe mist/vapors/spray.  
P280 Wear protective gloves / eye protection.

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- P264 Wash thoroughly after handling.  
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Additional information:** Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.
- **Hazard description:**
- **WHMIS-symbols:**  
 A - Compressed gas  
 D2B - Toxic material causing other toxic effects



- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

111-76-2	2-butoxyethanol	2.5-10%
	⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319 Flam. Liq. 4, H227	

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68476-86-8	Petroleum gases, liquefied, (Nota K, -R45, R46, <0.1% 1,3-butadiene buta-1,3-diene) ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	2.5-10%
67-63-0	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
1310-58-3	Potassium hydroxide ⚠ Skin Corr. 1A, H314 ⚠ Acute Tox. 4, H302	≤ 2.5%
9016-45-9	4-nonylphenyl-polyethylene glycol ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	≤ 2.5%
68391-01-5	Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 ⚠ Acute Tox. 4, H302	≤ 2.5%
68956-79-6	Alkyl(C12-18) dimethyl(ethylbenzyl) ammonium chloride ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318 ⚠ Aquatic Acute 1, H400 ⚠ Acute Tox. 4, H302; STOT SE 3, H335	≤ 2.5%
5989-27-5	(R)-p-mentha-1,8-diene ⚠ Flam. Liq. 3, H226 ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410 ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317	≤ 2.5%
7632-00-0	sodium nitrite ⚠ Ox. Sol. 3, H272 ⚠ Acute Tox. 3, H301 ⚠ Aquatic Acute 1, H400	≤ 2.5%
<b>· Dangerous Components (Alternative Classifications):</b>		
111-76-2	2-butoxyethanol ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319 Flam. Liq. 4, H227	2.5-10%
68476-86-8	Petroleum gases, liquefied, (Nota K, -R45, R46, <0.1% 1,3-butadiene buta-1,3-diene) ⚠ Flam. Gas 1, H220 ⚠ Press. Gas, H280	2.5-10%
67-63-0	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	2.5-10%
6381-92-6	edetic acid disodium salt	≤ 2.5%
1310-58-3	Potassium hydroxide ⚠ Skin Corr. 1A, H314 ⚠ Acute Tox. 4, H302	≤ 2.5%

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### 4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately rinse with water.  
If skin irritation continues, consult a doctor.
- **After eye contact:**  
Protect unharmed eye.  
Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. Then 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**  
Coughing  
Irritant to skin and mucous membranes.  
Irritant to eyes.  
En cas d'ingestion, peut provoquer d'irritation gastro-intestinale.
- **Danger** May be harmful in contact with skin.
- **Indication of any immediate medical attention and special treatment needed**  
Medical supervision for at least 48 hours.  
Contains (R)-p-mentha-1,8-diene. May produce an allergic reaction.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents:** None.
- **Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.  
Danger of receptacles bursting because of high vapor pressure if heated.
- **Advice for firefighters**
- **Protective equipment:**  
Wear self-contained respiratory protective device.  
Wear fully protective suit.
- **Additional information** Cool endangered receptacles with water spray.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Particular danger of slipping on leaked/spilled product.  
For large spills, wear protective clothing.  
For large spills, use respiratory protective device against the effects of fumes/dust/aerosol.
- **Environmental precautions:** No special measures required.

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

Allow to evaporate.  
Absorb liquid components with liquid-binding material.  
Dispose contaminated material as waste according to item 13.  
Send for recovery or disposal in suitable receptacles.  
Clean the affected area carefully; suitable cleaners are:

Warm water

- **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

- **Precautions for safe handling**

Pressurized container: Do not pierce or burn, even after use.  
Avoid splashes or spray in enclosed areas.

- **Information about protection against explosions and fires:**

Keep respiratory protective device available.  
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.

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

- **Storage:**

- **Requirements to be met by storerooms and receptacles:**

Store in cool, dry place.  
Observe official regulations on storing packagings with pressurized containers.

- **Information about storage in one common storage facility:** Store away from foodstuffs.

- **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 further relevant information available.

### 8 Exposure controls/personal protection

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

- **Control parameters**

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

**111-76-2 2-butoxyethanol**

PEL (USA)	Long-term value: 240 mg/m <sup>3</sup> , 50 ppm Skin
REL (USA)	Long-term value: 24 mg/m <sup>3</sup> , 5 ppm Skin
TLV (USA)	Long-term value: 97 mg/m <sup>3</sup> , 20 ppm BEI

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EL (Canada)	Long-term value: 20 ppm
EV (Canada)	Long-term value: 20 ppm Skin
LMPE (Mexico)	Long-term value: 20 ppm A3, IBE

**67-63-0 propan-2-ol**

PEL (USA)	Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
REL (USA)	Short-term value: 1225 mg/m <sup>3</sup> , 500 ppm Long-term value: 980 mg/m <sup>3</sup> , 400 ppm
TLV (USA)	Short-term value: 984 mg/m <sup>3</sup> , 400 ppm Long-term value: 492 mg/m <sup>3</sup> , 200 ppm BEI
EL (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
EV (Canada)	Short-term value: 400 ppm Long-term value: 200 ppm
LMPE (Mexico)	Short-term value: 400 ppm Long-term value: 200 ppm A4, IBE

**1310-58-3 Potassium hydroxide**

REL (USA)	Ceiling limit value: 2 mg/m <sup>3</sup>
TLV (USA)	Ceiling limit value: 2 mg/m <sup>3</sup>
EL (Canada)	Ceiling limit value: 2 mg/m <sup>3</sup>
EV (Canada)	Ceiling limit value: 2 mg/m <sup>3</sup>
LMPE (Mexico)	Ceiling limit value: 2 mg/m <sup>3</sup>

**· Ingredients with biological limit values:**

**111-76-2 2-butoxyethanol**

BEI (USA)	200 mg/g creatinine Medium: urine Time: end of shift Parameter: Butoxyacetic acid with hydrolysis
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**67-63-0 propan-2-ol**

BEI (USA)	40 mg/L Medium: urine Time: end of shift at end of workweek Parameter: Acetone (background, nonspecific)
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· **Additional information:** The lists that were valid during the creation were used as basis.

· **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.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

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Avoid contact with the eyes and skin.

- **Breathing equipment:**

Not required under normal conditions of use.

Use suitable respiratory protective device when high concentrations are present.

- **Protection of hands:**



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

- **Material of gloves**

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.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye protection:**



Safety glasses

- **Body protection:**

Not required under normal conditions of use.

Protection may be required for spills.

- **Limitation and supervision of exposure into the environment**

No further relevant information available.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

**Form:** Aerosol

**Color:** Colorless

- **Odor:** Citrus.

- **Odor threshold:** Not determined.

- **pH-value:** Not applicable.

- **Change in condition**

**Melting point/Melting range:** Not applicable, as aerosol.

**Boiling point/Boiling range:** Not applicable, as aerosol.

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

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

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|--|--|
| <ul style="list-style-type: none"> <li>· <b>Auto-ignition temperature:</b></li> <li>· <b>Decomposition temperature:</b></li> <li>· <b>Auto igniting:</b></li> <li>· <b>Danger of explosion:</b></li> <li>· <b>Explosion limits:</b> <ul style="list-style-type: none"> <li><b>Lower:</b></li> <li><b>Upper:</b></li> </ul> </li> <li>· <b>Vapor pressure:</b></li> <li>· <b>Density:</b> <ul style="list-style-type: none"> <li><b>Relative density</b></li> <li><b>Vapour density</b></li> <li><b>Evaporation rate</b></li> </ul> </li> <li>· <b>Solubility in / Miscibility with Water:</b></li> <li>· <b>Partition coefficient (n-octanol/water):</b></li> <li>· <b>Viscosity:</b> <ul style="list-style-type: none"> <li><b>Dynamic:</b></li> <li><b>Kinematic:</b></li> </ul> </li> <li>· <b>Other information</b></li> </ul> | <ul style="list-style-type: none"> <li>Not determined.</li> <li>Not determined.</li> <li>Product is not self-igniting.</li> <li>Not determined.</li> <li>Not determined.</li> <li>Not determined.</li> <li>Not determined.</li> <li>Not applicable.</li> <li>Fully miscible.</li> <li>Not determined.</li> <li>Not determined.</li> <li>Not determined.</li> <li>No further relevant information available.</li> </ul> |
|--|--|

### 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**  
Danger of receptacles bursting because of high vapor pressure if heated.
- **Possibility of hazardous reactions**  
Can form explosive mixtures in air if heated above flash point and/or when sprayed or atomized.  
Strong exothermic reaction with acids.  
Corrodes aluminium.  
Toxic fumes may be released if heated above the decomposition point.
- **Conditions to avoid** Avoid acids.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** Possible in traces.

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### 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**

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

<b>1310-58-3 Potassium hydroxide</b>		
Oral	LD50	273 mg/kg (rat)
<b>5989-27-5 (R)-p-mentha-1,8-diene</b>		
Oral	LD50	4400 mg/kg (rat)

- **Primary irritant effect:**

- **on the skin:** Irritant to skin and mucous membranes.

- **on the eye:** Slight irritant effect on eyes.

- **Sensitization:** Sensitizing effect by skin contact is possible with prolonged exposure.

- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

- **Carcinogenic categories**

- **NTP (National Toxicology Program)**

None of the ingredients is listed.

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

None of the ingredients is listed.

- **Repeated Dose Toxicity:** Repeated exposures may result in skin and/or respiratory sensitivity.

### 12 Ecological information

- **Toxicity**

- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability** No further relevant information available.

- **Bioaccumulative potential** No further relevant information available.

- **Mobility in soil** No further relevant information available.

- **Ecotoxicological effects:**

- **Remark:** Harmful to fish

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

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· **Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**

Can be disposed of with household garbage with prior chemical-physical or biological treatment following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.

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.

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

### 14 Transport information

- **UN-Number**
- **DOT, ADR, IMDG, IATA**
- **UN proper shipping name**
- **DOT**
- **ADR**
- **IMDG**
- **IATA**
- **Transport hazard class(es)**

UN1950

Aerosols, non-flammable

1950 AEROSOLS

AEROSOLS

AEROSOLS, non-flammable

- **DOT**



- **Class**
- **Label**

2.2

2.2

- **ADR**



- **Class**
- **Label**

2 5A Gases

2.2

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## · IMDG, IATA



- Class 2.2
- Label 2.2
- Packing group
- DOT, ADR, IMDG, IATA Not Regulated
- Environmental hazards:
- Marine pollutant: No
- 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

- Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity

## · IMDG

- Limited quantities (LQ) 1L
- Excepted quantities (EQ) Code: E0  
Not permitted as Excepted Quantity
- UN "Model Regulation": UN1950, Aerosols, 2.2

## 15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- SARA

## · Section 355 (extremely hazardous substances):

None of the ingredients is listed.

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

111-76-2 2-butoxyethanol

67-63-0 propan-2-ol

## · TSCA (Toxic Substances Control Act):

All ingredients are listed.

## · Proposition 65 (California)

## · Chemicals known to cause cancer:

None of the ingredients are listed.

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

None of the ingredients are listed.

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<b>· Chemicals known to cause reproductive toxicity for males:</b>
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None of the ingredients is listed.
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<b>· Chemicals known to cause developmental toxicity:</b>
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None of the ingredients is listed.
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<b>· Carcinogenic categories</b>
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<b>· EPA (Environmental Protection Agency)</b>
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111-76-2	2-butoxyethanol	NL
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<b>· Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA)</b>
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EPA Product Registration : 44446-23.
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This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:
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<b>· IARC (International Agency for Research on Cancer)</b>
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111-76-2	2-butoxyethanol	3
67-63-0	propan-2-ol	3
5989-27-5	(R)-p-mentha-1,8-diene	3

<b>· TLV (Threshold Limit Value established by ACGIH)</b>
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111-76-2	2-butoxyethanol	A3
67-63-0	propan-2-ol	A4

<b>· NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
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None of the ingredients is listed.
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<b>· State Right to Know Listings</b>
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None of the ingredients is listed.
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<b>· Canadian substance listings:</b>
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<b>· Canadian Domestic Substances List (DSL)</b>
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All ingredients are listed.
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<b>· Canadian Ingredient Disclosure list (limit 0.1%)</b>
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None of the ingredients is listed.
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<b>· Canadian Ingredient Disclosure list (limit 1%)</b>
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111-76-2	2-butoxyethanol
67-63-0	propan-2-ol
1310-58-3	Potassium hydroxide

<b>· Other regulations, limitations and prohibitive regulations</b>
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This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
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<b>· Chemical safety assessment:</b> 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.

• **Date of preparation / last revision** 11/26/2014 / -

• **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 Harmonised System of Classification and Labelling 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)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Flam. Gas 1: Flammable gases, Hazard Category 1

Press. Gas: Gases under pressure: Compressed gas

Flam. Liq. 2: Flammable liquids, Hazard Category 2

Flam. Liq. 3: Flammable liquids, Hazard Category 3

Flam. Liq. 4: Flammable liquids, Hazard Category 4

Ox. Sol. 3: Oxidising Solids, Hazard Category 3

Acute Tox. 3: Acute toxicity, Hazard Category 3

Acute Tox. 4: Acute toxicity, Hazard Category 4

Skin Corr. 1A: Skin corrosion/irritation, Hazard Category 1A

Skin Corr. 1B: Skin corrosion/irritation, Hazard Category 1B

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

Skin Sens. 1: Sensitisation - Skin, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1

• **Sources**

SDS Prepared by:

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