

Printing date 11/26/2014

Reviewed on 11/26/2014

Printing date 11/26/2014	Reviewed of 11/20/2014
4 Identification	
1 Identification	
• Product identifier I T E M S 1 1 1 9	8 5 1 , 1 1 0 0 0 4 8
 Trade name: <u>do-it ALL Foaming Germicidal Cleaner</u> 	
· Article number: A080	
\cdot Application of the substance / the mixture $\mbox{Surface disinference}$	ectant
 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 Hotlin	e: 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 regulation: H317. The product is classified and labeled according to the Globa Hazard pictograms Output 	
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 flame P251 Pressurized container: Do not pierce or b P260 Do not breathe mist/vapors/spray. 	
P280 Wear protective gloves / eye protection.	
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Printing date 11/26/2014 Reviewed on 11/26/2014 Trade name: Germ Away Foaming Germicidal Cleaner (Contd. of page 1) 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. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. P410+P412 Dispose of contents/container in accordance with local/regional/national/international P501 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) Health = 1 Fire = 0Reactivity = 1· HMIS-ratings (scale 0 - 4) HEALTH *1 Health = *1 0 Fire = 0FIRE REACTIVITY 1 Reactivity = 1 · 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% ① Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319 2.5-10% Flam. Liq. 4, H227 (Contd. on page 3)

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6381-92-6 edetic acid disodium salt

Skin Corr. 1A, H314
 Acute Tox. 4, H302

1310-58-3 Potassium hydroxide

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	(Cont	td. of page 2)
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	
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%
 Dangerous 	Components (Alternative Classifications):	
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%
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 $\leq 2.5\%$

 $\leq 2.5\%$

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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	

- 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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Printing date 11/26/2014 Reviewed on 11/26/2014 Trade name: Germ Away Foaming Germicidal Cleaner (Contd. of page 4) · 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 Long-term value: 240 mg/m³, 50 ppm PEL (USA) Skin REL (USA) Long-term value: 24 mg/m³, 5 ppm Skin TLV (USA) Long-term value: 97 mg/m³, 20 ppm BEI

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EL (Canada)	Long torm value: 20 ppm	(Contd. of page 5)
EV (Canada)	Long-term value: 20 ppm Long-term value: 20 ppm	
	Skin	
LMPE (Mexico)	Long-term value: 20 ppm A3, IBE	
67-63-0 propan	n-2-ol	
PEL (USA)	Long-term value: 980 mg/m ³ , 400 ppm	
REL (USA)	Short-term value: 1225 mg/m³, 500 ppm Long-term value: 980 mg/m³, 400 ppm	
TLV (USA)	Short-term value: 984 mg/m ³ , 400 ppm Long-term value: 492 mg/m ³ , 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 Pota	ssium hydroxide	
REL (USA)	Ceiling limit value: 2 mg/m ³	
TLV (USA)	Ceiling limit value: 2 mg/m ³	
EL (Canada)	Ceiling limit value: 2 mg/m ³	
EV (Canada)	Ceiling limit value: 2 mg/m ³	
LMPE (Mexico)	Ceiling limit value: 2 mg/m ³	
-	h biological limit values:	
111-76-2 2-but		
	mg/g creatinine	
	lium: urine e: end of shift	
	ameter: Butoxyacetic acid with hydrolysis	
67-63-0 propan	n-2-ol	
BEI (USA) 40 n		
	lium: urine	
	e: end of shift at end of workweek ameter: Acetone (background, nonspecific)	
	rmation: The lists that were valid during the creation were used as basis.	
General protec The usual preca Keep away from	ctive equipment: ctive and hygienic measures: autionary measures for handling chemicals should be followed. In foodstuffs, beverages and feed.	
	nove all soiled and contaminated clothing.	
Wash hands be	fore breaks and at the end of work.	(Contd. on page 7)

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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: Boiling point/Boiling range: 	Not applicable, as aerosol. Not applicable, as aerosol.
· Flash point:	Not applicable, as aerosol.
· Flammability (solid, gaseous):	Not applicable.

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 Auto-ignition temperature: 	Not determined.	
 Decomposition temperature: 	Not determined.	
· Auto igniting:	Product is not self-igniting.	
 Danger of explosion: 	Not determined.	
 Explosion limits: Lower: Upper: 	Not determined. Not determined.	
· Vapor pressure:	Not determined.	
 Density: Relative density Vapour density Evaporation rate 	Not determined. Not determined. Not applicable.	
 Solubility in / Miscibility with Water: 	Fully miscible.	
· Partition coefficient (n-octanol/wate	er): Not determined.	
 Viscosity: Dynamic: Kinematic: Other information 	Not determined. Not determined. No further relevant information available.	
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:

1310-58-3 Potassium hydroxide

Oral LD50 273 mg/kg (rat)

5989-27-5 (R)-p-mentha-1,8-diene

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.
- Ecotoxical 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.

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	UN1950	
 UN proper shipping name 		
· DOT	Aerosols, non-flammable	
· ADR	1950 AEROSOLS	
·IMDG	AEROSOLS	
	AEROSOLS, non-flammable	
 Transport hazard class(es) 		
· DOT		
~		
· Class	2.2	
· Label	2.2	
· ADR		
~		
· Class	2 5A Gases	
· Label	2.2	
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		(Contd. of page 10
· IMDG, IATA		
•		
· Class	2.2	
· Label	2.2	
 Packing group 		
· DOT, ADR, IMDG, IATA	Not Regulated	
Environmental hazards:	C C	
Marine pollutant:	No	
Special precautions for user	Warning: Gases	
· Danger code (Kemler):	-	
· EMS Number:	F-D,S-U	
· Transport in bulk according to Anne		
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

 \cdot Safety, health and environmental regulations/legislation specific for the substance or mixture \cdot 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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· Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
· Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
· Carcinogenic categories	
· EPA (Environmental Protection Agency)	
111-76-2 2-butoxyethanol	NL
 Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) EPA Product Registration : 44446-23. This chemical is a pesticide product registered by the Environmental Protection Agency and is sub certain labeling requirements under federal pesticide law. These requirements differ fro classification criteria and hazard information required for safety data sheets, and for workplace la non-pesticide chemicals. Following is the hazard information as required on the pesticide label: 	om the
· IARC (International Agency for Research on Cancer)	
111-76-2 2-butoxyethanol	3
67-63-0 propan-2-ol	3
5989-27-5 (R)-p-mentha-1,8-diene	3
 TLV (Threshold Limit Value established by ACGIH) 	
111-76-2 2-butoxyethanol	A3
67-63-0 propan-2-ol	A4
· NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	
· State Right to Know Listings	
None of the ingredients is listed.	
· Canadian substance listings:	
· Canadian Domestic Substances List (DSL)	
All ingredients are listed.	
· Canadian Ingredient Disclosure list (limit 0.1%)	
None of the ingredients is listed.	
· Canadian Ingredient Disclosure list (limit 1%)	
111-76-2 2-butoxyethanol	
67-63-0 propan-2-ol	
1310-58-3 Potassium hydroxide	
 Other regulations, limitations and prohibitive regulations This product has been classified in accordance with hazard criteria of the Controlled Products Reguland the SDS contains all the information required by the Controlled Products Regulations. Chemical safety assessment: A Chemical Safety Assessment has not been carried out. 	ations

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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: 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