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

Trade name: Cooler Cleaner Deodorizer

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

• **1.1 Product identifier**

• **Trade name:** Cooler Cleaner Deodorizer

• **Article number:**

• **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** Degreasing agent

Product dilution information: 4 fl. oz. (118 mL) per 1-2 gallons of water.

• **1.3 Details of the supplier of the Safety Data Sheet**
Professional Supply
4828 Professional Dr.
Sheboygan, WI 53083
(800) 236-8675
(920) 565-4111

• **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
GHS07 Eye Irrit. 2A H319 Causes serious eye irritation.	Not classified. Not classified.

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

Xi; Irritant R36 Irritating to eyes.	Not classified.

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

The product has to be labeled 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.

• **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.

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• 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	
GHS07	None
• Signal word Warning	No signal word.
• Hazard-determining components of labeling:	
ethoxlated linear alcohols tetrahydro-2-furylmethanol N-Dodecanoyl-N-methylglycine, sodium salt	Not applicable.
• Hazard statements	
H319 Causes serious eye irritation.	Avoid contact with eyes.
• Precautionary statements	
P280 Wear 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. P337+P313 If eye irritation persists: Get medical advice/ attention.	Not applicable.

3 Composition/information on ingredients

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

• Dangerous components:		
CAS: 61789-30-8 EINECS: 236-049-9	ethoxlated linear alcohols Xi R36/38 Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<10%
CAS: 97-99-4 EINECS: 202-625-6 Index number: 603-061-00-7	tetrahydro-2-furylmethanol Xi R36 Eye Irrit. 2A, H319	<10%
CAS: 64-02-8 EINECS: 200-573-9 Index number: 607-428-00-2	N-Dodecanoyl-N-methylglycine, sodium salt Xi R38-41 Eye Dam. 1, H318 Skin Irrit. 2, H315	<3%

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

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4 First-aid measures

• 4.1 Description of first aid measures	
Product as SOLD	**Product at USE DILUTION**
• **General information:** No special measures required.	No special measures required.
• **After inhalation:** Supply fresh air; consult doctor in case of complaints.	No special measures required. Treat symptomatically.
• **After skin contact:** Rinse with warm water. If skin irritation continues, consult a doctor.	No known effect after skin contact. Rinse with water for a few minutes.
• **After eye contact:** 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.
• **After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; call for medical help immediately.	Get medical attention if symptoms occur.
• **4.2 Most important symptoms and effects both acute and delayed**	
Gastric or intestinal disorders	Treat symptomatically.
• **Hazards** No further relevant information available.	No known effects.
• **4.3 Indication of any immediate medical attention and special treatment needed**	
No further relevant information available.	Treat symptomatically.

5 Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
  CO2, 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** No further relevant information available.
- **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**
Wear protective clothing. Ensure adequate ventilation	Use personal protective equipment as required.

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Product as SOLD	Product at USE DILUTION
• 6.2 Environmental precautions:	
No special measures required.	No special measures required.
• 6.3 Methods and material for containment and cleaning up:	
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). 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.
• 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.

7 Handling and storage

• 7.1 Precautions for safe handling	
Product as SOLD	**Product at USE DILUTION**
Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.	Wash hands thoroughly after handling.
• Information about fire - and explosion protection:	
No special measures required.	No precautions necessary.
• 7.2 Conditions for safe storage, including any incompatibilities	
• Storage:	
• Requirements to be met by storerooms and receptacles:	
Store in a cool location. Avoid storage near extreme heat, ignition sources or open flame.	No special requirements.
• Information about storage in one common storage facility:	
Store away from foodstuffs. Do not store together with oxidizing and acidic materials.	No special requirements.
• Further information about storage conditions:	
Store in cool, dry conditions in well sealed receptacles.	No storage precautions necessary.
• 7.3 Specific end use(s)	
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:	
97-99-4 tetrahydro-2-furylmethanol WEEL (USA) 0,5 ppm	Not applicable.

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Product as SOLD	Product at USE DILUTION
• **DNELs** No further relevant information available. • **PNECs** No further relevant information available. • **Additional information:** The lists valid during the making were used as basis.	Not applicable.
• **8.2 Exposure controls**	
• **Personal protective equipment:**	
• **General protective and hygienic measures:**	
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.	The usual precautionary measures are to be adhered to when handling chemical solutions. Keep away from foodstuffs, beverages and feed.
• **Respiratory protection:**	
Not required under normal conditions of use.	Not required under normal conditions of use.
• **Protection of hands:**	
Rubber gloves	No protective equipment is needed under normal conditions.
• **Material of gloves**	
Rubber gloves Butyl rubber, BR Nitrile rubber, NBR Neoprene gloves	No protective equipment is needed under normal conditions.
• **Eye protection:**	
Safety glasses	No protective equipment is needed under normal conditions.
• **Body protection:**	
Not required under normal conditions of use. Protection may be required for spills.	No protective equipment is needed under normal conditions.
• **Limitation and supervision of exposure into the environment**	
No further relevant information available.	No further relevant information available.
• **Risk management measures**	
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
• **9.1 Information on basic physical and chemical properties**		
• **General Information**		
• **Appearance:**		
Form:	Liquid	Liquid
Color:	Clear	Clear
• **Odor:**	None	None
• **Odor threshold:**	Not determined.	Not determined.
• **pH-value at 20 °C:**	6.8	

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Trade name: Cooler Cleaner Deodorizer

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	Product as SOLD	Product at USE DILUTION
• **Change in condition**		
Melting point/Melting range:	Undetermined.	Not applicable.
Boiling point/Boiling range:	100° C / 212° F	100° C / 212° F
• **Flash point:**	Not applicable.	Not determined.
• **Flammability (solid, gaseous):**	Not applicable.	Not applicable.
• **Ignition temperature:**	Not determined.	Not applicable.
• **Decomposition temperature:**	Not determined.	Not determined.
• **Self-igniting:**	Product is not self-igniting.	Product is not self-igniting.
• **Danger of explosion:**	Product does not present an explosion hazard.	Product does not present an explosion hazard.
• **Explosion limits:**		
Lower:	Not determined.	Not determined.
Upper:	Not determined.	Not determined.
• **Vapor pressure at 20 °C:**	Not determined.	Not determined.
• **Density at 20 °C:**	1.02 g/cm³	1.00 g/cm³
• **Relative density**	Not determined.	Not determined.
• **Vapor density**	Not determined.	Not determined.
• **Evaporation rate**	Not determined.	Not determined.
• **Solubility in / Miscibility with water:**	Fully miscible.	Complete
• **Partition coefficient (n-octanol/water):**	Not determined.	Not determined.
• **Viscosity:**		
Dynamic:	Not determined.	Not determined.
Kinematic:	Not determined.	Not determined.
• **Solvent content:**		
Organic solvents:	Not determined.	Not determined.
Solids content:	Not determined.	No further relevant information available.
• **9.2 Other information**	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.
  Reacts with strong oxidizing agents.
  Reacts with reducing agents.
- **10.4 Conditions to avoid**
  No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**
  Possible in traces.

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11 Toxicological information

• 11.1 Information on toxicological effects	
Product as SOLD	**Product at USE DILUTION**
• **Acute toxicity:**	Non-toxic at use-dilution.
• **Primary irritant effect:**	
• **on the skin:** Slight irritant effect on skin and mucous membranes. • **on the eye:** Irritating effect. • **Sensitization:** No sensitizing effects known.	No adverse effects due to skin contact are expected. Direct contact with eyes may cause temporary irritation.
• **Additional toxicological information:**	
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:	
Irritant	Not classified

12 Ecological information

• **12.1 Toxicity**
• **Aquatic toxicity:** No further relevant information available.
• **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.
• **Additional ecological information:**
• **General notes:**
This statement was deduced from products with a similar structure or composition.
Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
• **12.5 Results of PBT and vPvB assessment**
• **PBT:** Not applicable.
• **vPvB:** Not applicable.
• **12.6 Other adverse effects** No further relevant information available.

13 Disposal considerations

• 13.1 Waste treatment methods	
Product as SOLD	**Product at USE DILUTION**
• **Recommendation**	
Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements. Can be burned with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• **Uncleaned packaging:**	
• **Recommendation:** Disposal must be made according to official regulations.	Diluted product can be flushed to sanitary sewer. Discard empty container in trash.
• **Recommended cleansing agents:** Water only.	

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14 Transport information

Product as SOLD	
• 14.1 UN-Number • DOT, ADR, ADN, IMDG, IATA	N/A
• 14.2 UN proper shipping name • DOT, ADR, ADN, IMDG, IATA	Cleaning Compounds, NOI, liquid.
• 14.3 Transport hazard class(es) • DOT, ADR, ADN, IMDG, IATA • Class	N/A
• 14.4 Packing group • DOT, ADR, IMDG, IATA	N/A
• 14.5 Environmental hazards: • Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable.
• 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
• UN "Model Regulation":	Cleaning Compounds, NOI, liquid.
Product at USE DILUTION 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
• **Section 311-312 (hazardous classifications):**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Section 313 (Specific toxic chemical listings):**	
None of the ingredients is listed.	None of the ingredients is listed.
• **TSCA (Toxic Substances Control Act):**	
All ingredients are listed.	All ingredients are listed.
• **Proposition 65 (California):**	
• **Chemicals known to cause cancer:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause reproductive toxicity for females:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause reproductive toxicity for males:**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Chemicals known to cause developmental toxicity:**	
None of the ingredients is listed.	None of the ingredients is listed.

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Product as SOLD	Product at USE DILUTION
• **Carcinogenic Categories**	
• **EPA (Environmental Protection Agency)**	
None of the ingredients is listed.	None of the ingredients is listed.
• **IARC (International Agency for Research on Cancer)**	
None of the ingredients is listed.	Not applicable.
• **TLV (Threshold Limit Value established by ACGIH)**	
None of the ingredients is listed.	None of the ingredients is listed.
• **NIOSH-Ca (National Institute for Occupational Safety and Health)**	
None of the ingredients is listed.	None of the ingredients is listed.
• **OSHA-Ca (Occupational Safety & Health Administration)**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Canada**	
• **Canadian Domestic Substances List (DSL)**	
All ingredients are listed.	All ingredients are listed.
• **Canadian Ingredient Disclosure list (limit 0.1%)**	
None of the ingredients is listed.	None of the ingredients is listed.
• **Canadian Ingredient Disclosure list (limit 1%)**	
97-99-4 tetrahydro-2-furylmethanol	None of the ingredients is listed.

• **15.2 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.

• **Relevant phrases**
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.

R36 Irritating to eyes.
R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R41 Risk of serious damage to eyes..

Product as SOLD	Product at USE DILUTION
• **Hazardous Material Information System (U.S.A.)**	
Health 2 **Flammablity** 0 **Physical hazards** 0	**Health** 0 **Flammablity** 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**

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Product as SOLD	Product at USE DILUTION
• **NFPA ratings (scale 0 - 4)**	
Health = 2 Fire = 0 Reactivity = 0	Health = 0 Fire = 0 Reactivity = 0

SDS File Name: COOLER CLEANER DEODORIZER SDS

• **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**
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