



## SAFETY DATA SHEET



### 1. IDENTIFICATION

#### Product identifier

**Product name:** Pursue™ Disinfectant Cleaner

#### Other means of identification

**Product code:** E3878

**Synonyms:** None

#### Recommended use of the chemical and restrictions on use

**Recommended use:** Hard surface disinfectant, antimicrobial agent and deodorizer

**Uses advised against:** No information available

#### Details of the supplier of the safety data sheet

**Product information**  
Amway Corp. (58C-2A)  
7575 Fulton Street East  
Ada, MI 49355  
USA  
Tel: 1-800-253-6500

**Manufacturer**  
Lonza Inc.  
90 Boroline Road  
Allendale, NJ 07401  
USA  
Tel: 1-201-316-9200

Lonza Inc.  
1200 Bluegrass Lakes Pkwy  
Alpharetta, GA  
USA  
Tel: 1-678-624-5800

**E-mail address:** sds@amway.com

#### Emergency telephone number

**For Transportation Emergencies:** ChemTrec @ 1-800-424-9300

**Emergency Telephone Number:** For Poisoning Emergencies call Amway's poison control service in the United States at 1-616-787-6307. This is a 24-hour number.

### 2. HAZARDS IDENTIFICATION

#### Classification

#### **OSHA Regulatory Status**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

**Label elements**



**DANGER**

**Hazard statements:**

Causes skin irritation  
Causes serious eye damage

**Precautionary Statements - Prevention**

Wash skin thoroughly after handling  
Wear eye/face protection  
Wear protective gloves

**Precautionary Statements - Response**

**Eyes**

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 or doctor/physician

**Skin**

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation occurs: Get medical advice/attention  
Take off contaminated clothing and wash before reuse

**Precautionary Statements - Storage**

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Other Information**

• Not applicable

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Common Name	CAS #	Weight %	Trade secret
Glycine, N,N'-1,2-ethanediybis[N -(carboxymethyl)-, tetrasodium salt	Tetrasodium EDTA	64-02-8	2-3	*
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	Quaternary ammonium compound	68424-95-3	2-3	*
Quaternary ammonium compounds, benzyl-C12-16-alkyldim ethyl, chlorides	Quaternary ammonium compound	68424-85-1	1-2	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

#### 4. FIRST AID MEASURES

##### First aid measures

- Eye contact:** Remove contact lenses. Rinse with gentle stream of water for 15 minutes, holding eyelids open. Get IMMEDIATE medical advice by calling a poison control center, doctor or hospital emergency room.
- Skin contact:** Rinse skin thoroughly with water. Get medical advice if symptoms develop.
- Inhalation:** Move to fresh air. If irritation or breathing difficulty develops, GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.
- Ingestion:** If victim is a child, give 4-8 ounces of water. For adults, give 8-12 ounces of water. Do not induce vomiting when this product is swallowed. If vomiting occurs spontaneously, keep victim in an upright position. GET MEDICAL ADVICE by calling a poison control center, doctor or hospital emergency room.
- Protection of first-aiders:** Use personal protective equipment as required.

##### Most important symptoms and effects, both acute and delayed

- Symptoms:** No information available.

##### Indication of any immediate medical attention and special treatment needed

- Notes to physician:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media

- Suitable extinguishing media:**  
Dry chemical. Water spray. Foam. Use extinguishing media suitable for surrounding materials.

- Unsuitable extinguishing media:**  
No information available.

##### Specific hazards arising from the chemical

Fire may produce irritating and/or toxic gases.

##### Special protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

#### 6. ACCIDENTAL RELEASE MEASURES

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

- Personal precautions:**  
Wear appropriate personal protection equipment (respirator, gloves, goggles, and/or faceshield, boots, protective clothing).
- For emergency responders:**  
Use personal protective equipment as required.

### Environmental precautions

See Section 12 for additional Ecological Information. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

#### **Methods for containment:**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

#### **Methods for cleaning up:**

Collect spillage. Do not flush into surface water or sanitary sewer system.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Advice on safe handling:**

Avoid contact with skin and eyes.

#### **General hygiene considerations:**

Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

#### **Storage conditions:**

Keep container tightly closed. Keep in a dry place. Keep out of the reach of children

#### **Incompatible materials:**

Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### **Exposure limits:**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

#### **Derived No Effect Level (DNEL):**

No information available.

#### **Predicted No Effect Concentration (PNEC):**

No information available.

### Appropriate engineering controls

#### **Engineering measures:**

Mechanical ventilation is not normally necessary when this product is used according to product label directions.

### Individual protection measures, such as personal protective equipment

- Eye/face protection:** Follow label directions. No special technical protective measures are necessary. Avoid contact with eyes. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Hand protection:** Follow label directions. Prevent skin contact by using protective gloves appropriate for the hazard presented by this substance.
- Skin and body protection:** Follow label directions. Skin and body protection is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.
- Respiratory protection:** Follow label directions. Respiratory protective equipment is not normally necessary when this product is used according to product label directions. Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures.

**General industrial hygiene practice:**

Where use conditions and/or extent and duration of exposure differ from typical household consumer use, appropriate protective equipment may be necessary to minimize exposures. Handle in accordance with good industrial hygiene and safety practice

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Information on basic physical and chemical properties

<b>Physical state:</b>	Liquid	<b>Odor:</b>	amine-like
<b>Appearance:</b>	Semi-viscous; Clear	<b>Odor threshold:</b>	No information available
<b>Color:</b>	Light yellow		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH:</b>	11.9 - 13		
<b>Melting point/freezing point:</b>		No information available	
<b>Boiling point/boiling range:</b>		No information available	
<b>Flash point:</b>	> 93.3 °C / > 200 °F		
<b>Evaporation rate:</b>		No information available	
<b>Flammability (solid, gas):</b>		No information available	
<b>Flammability limit in air:</b>			
<b>Upper flammability limit:</b>			
<b>Lower flammability limit:</b>			
<b>Vapor pressure:</b>		No information available	
<b>Vapor density:</b>		No information available	
<b>Specific gravity:</b>		No information available	
<b>Water solubility:</b>	Soluble in water		
<b>Solubility(ies):</b>		No information available	
<b>Partition coefficient</b>		No information available	
<b>Autoignition temperature:</b>		No information available	
<b>Decomposition temperature:</b>		No information available	
<b>Kinematic viscosity:</b>		No information available	
<b>Dynamic viscosity:</b>			
<b>Explosive properties:</b>	No information available		
<b>Oxidizing properties:</b>	No information available		
<b>Softening point:</b>	No information available		
<b>Molecular weight:</b>	No information available		
<b>VOC content (%):</b>	No information available		
<b>Density:</b>	No information available		
<b>Bulk density:</b>	No information available		

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

**Stability:**

Stable under normal conditions.

**Sensitivity to mechanical impact:**

None.

**Sensitivity to static discharge:**

None.

### Possibility of hazardous reactions

Contact with highly reactive chemicals like strong acids, strong bases, oxidizers or reducing agents may cause a dangerous reaction.

### Conditions to avoid

Keep out of reach of children.

### Incompatible materials:

Not determined.

### Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Aggravated medical conditions:** Exposure to this product may aggravate pre-existing skin, eye, and respiratory disorders.

**Principle routes of exposure:** Eye contact, skin contact, ingestion, inhalation

**Inhalation:**

Inhalation of vapors or mists may cause irritation of the upper respiratory tract.

**Eye contact:**

Avoid contact with eyes. Severely irritating to eyes.

**Skin contact:**

Avoid contact with skin. Irritating to skin.

**Ingestion:**

Harmful if swallowed. Ingestion of this product can cause irritation of the mouth and throat, upset stomach, nausea, vomiting and diarrhea.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Glycine, N,N'-1,2-ethanediybis[N-(carb oxymethyl)-, tetrasodium salt 64-02-8	= 10 g/kg ( Rat ) = 1658 mg/kg ( Rat )	-	-

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides 68424-85-1	= 426 mg/kg ( Rat )	-	-
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**Information on toxicological effects**

**Symptoms:** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** Irritating to skin.  
**Serious eye damage/eye irritation** Risk of serious damage to eyes.  
**Sensitization:** No information available.  
**Germ cell mutagenicity:** No information available.  
**Carcinogenicity:** No information available

**Reproductive toxicity:** No information available.  
**STOT - single exposure:** No information available.  
**STOT - repeated exposure:** No information available.  
**Aspiration hazard:** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Glycine, N,N'-1,2-ethanediylbis[N-(carboxymethyl)-, tetrasodium salt 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	610: 24 h Daphnia magna mg/L EC50

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available

**Mobility in soil**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging:** Do not reuse container. Empty containers must be tripled rinsed prior to disposal. Only empty packaging can be recycled.

**US EPA Waste Number** D002

## 14. TRANSPORT INFORMATION

This product has been tested against the UN protocol used to classify transportation hazards and it does not meet the definition of a dangerous good in transport.

**DOT:**

UN/ID No.: Not regulated  
Proper shipping name: Not regulated  
Hazard class: Not regulated  
Packing group: Not regulated

**IMDG/ADR:**

UN/ID No.: Not regulated  
Proper shipping name: Not regulated  
Hazard class: Not regulated  
Packing group: Not applicable  
Marine pollutant: Not applicable

**ICAO/IATA:**

UN/ID No.: Not regulated  
Proper shipping name: Not regulated  
Hazard class: Not regulated  
Packing group: Not regulated  
Marine pollutant: Not applicable

The information contained in this document is subject to change or update due to changing government regulations. The user of this document assumes responsibility for complying with all applicable national and international laws and regulations regarding the shipment of Dangerous Goods

## 15. REGULATORY INFORMATION

**EPA RCRA Hazardous Waste Classification:** D002

**EPA FIFRA Information:** This chemical is a pesticide product registered by the Environmental Protection Agency (EPA Reg. No. 6836-138-6718) 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. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**FIFRA hazard statements:** DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed.

## 16. OTHER INFORMATION

**Key or legend to abbreviations and acronyms used in the safety data sheet**

TWA - TWA (Time-Weighted Average)



STEL - STEL (Short Term Exposure Limit)  
ACGIH (American Conference of Governmental Industrial Hygienists)  
EPA (Environmental Protection Agency)  
RCRA (Resource Conservation and Recovery Act)

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Prepared by: Access Business Group LLC, Environmental, Health and Safety Department, Ada, Michigan, U.S.A.

**This data sheet contains changes from the previous version in section(s): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16**

**\*\*\*END OF SAFETY DATA SHEET\*\*\***