

# SAFETY DATA SHEET

## All Purpose Cleaner

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### SECTION 1: Identification

#### 1.1 Product identifier

Product name All Purpose Cleaner  
Part Number 4817 (32 oz), 4817-4 (1 gal)

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

All Purpose Cleaner

#### 1.4 Supplier's details

Manufactured For: Imperial Supplies LLC  
789 Armed Forces Drive  
P.O. Box 11008  
Green Bay, WI 53407-1008  
1-800-558-2808

#### 1.5 Emergency phone number(s)

1-800-262-8200

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### SECTION 2: Hazard identification

#### General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

#### 2.1 Classification of the substance or mixture

##### GHS classification in accordance with: OSHA (29 CFR 1910.1200)

- Skin corrosion/irritation, Cat. 2
- Sensitization, skin, Cat. 1
- Specific target organ toxicity (single exposure), Cat. 3

#### 2.2 GHS label elements, including precautionary statements

##### Pictogram



##### Signal word

##### Warning

##### Hazard statement(s)

H315 Causes skin irritation  
H317 May cause an allergic skin reaction  
H335 May cause respiratory irritation  
H336 May cause drowsiness or dizziness

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## Precautionary statement(s)

P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing must not be allowed out of the workplace.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor/.../ if you feel unwell.
P321	Specific treatment (see ... on this label).
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to ...

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Component	Concentration
<b>Dipropylene glycol monomethyl ether (CAS no.: 34590-94-8; EC no.: 252-104-2)</b> CLASSIFICATIONS: Flammable liquids, Cat. 4. HAZARDS: H227 - Combustible liquid.	<b>1 - 2 % (weight)</b>
<b>Component 2 (trade secret)*</b> CLASSIFICATIONS: Aspiration hazard, Cat. 1; Flammable liquids, Cat. 3; Hazardous to the aquatic environment - acute hazard, Cat. 1; Hazardous to the aquatic environment - long-term hazard, Cat. 1; Sensitization, skin, Cat. 1; Skin corrosion/irritation, Cat. 2. HAZARDS: H226 - Flammable liquid and vapor; H304 - May be fatal if swallowed and enters airways; H315 - Causes skin irritation; H317 - May cause an allergic skin reaction; H400 - Very toxic to aquatic life; H410 - Very toxic to aquatic life with long lasting effects.	<b>40 - 60 % (weight)</b>

#### Trade secret statement (OSHA 1910.1200(i))

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.
In case of skin contact	Rinse with plenty of water. Get medical attention if irritation develops and persists.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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- 4.3 Indication of immediate medical attention and special treatment needed, if necessary**  
No data available

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## SECTION 5: Fire-fighting measures

- 5.1 Suitable extinguishing media**  
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Specific hazards arising from the chemical**  
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Distillates, petroleum, hydrotreated light: Carbon oxides
- 5.3 Special protective actions for fire-fighters**  
Wear self-contained breathing apparatus for firefighting if necessary.

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## SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**  
Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.
- 6.3 Methods and materials for containment and cleaning up**  
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

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## SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**  
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep container tightly closed in a dry and well-ventilated place.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**1. Component 2 (trade secret)\***

TLV® (Inhalation): 20 ppm (ACGIH)

**2. Dipropylene glycol monomethyl ether (CAS: 34590-94-8 EC: 252-104-2)**

PEL (Inhalation): 100 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 600 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 100 ppm, (ST) 150 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): 100 ppm, (ST) 150 ppm; USA (ACGIH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

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## 8.2 Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

## 8.3 Individual protection measures, such as personal protective equipment (PPE)

### Eye/face protection

Eye/Face Protection: None required with normal household use. Industrial Setting: For splash protection, use chemical goggles. Eye wash fountain is recommended.

### Skin protection

Skin Protection: None required with normal household use. Industrial Setting: Protective gloves (for hands) and protective clothing are required where repeated or prolonged skin contact may occur.

### Respiratory protection

No special precautions for casual exposure. Ventilation Local Exhaust: None required with normal consumer use. Special: None. Industrial (General): Normal/general dilution ventilation is acceptable. Air contamination monitoring should be carried out where mists or vapors are likely to be generated, to assure that the employees are not exposed to airborne contaminants above the permissible exposure limits.

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear liquid
Odor	Mild ethyl alcohol
Odor threshold	No data available.
pH	8.5
Melting point/freezing point	No data available.
Initial boiling point and boiling range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	No data available.
Solubility(ies)	No data available.
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

### Other safety information

No data available.

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available

### 10.2 Chemical stability

Stable under recommended storage conditions.

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## 10.3 Possibility of hazardous reactions

No data available.

## 10.4 Conditions to avoid

No data available.

## 10.5 Incompatible materials

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Distillates, petroleum, hydrotreated light: Strong oxidizing agents, Strong bases, Strong acids, Amines

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Dipropylene glycol monomethyl ether: Strong oxidizing agents, Strong acids

## 10.6 Hazardous decomposition products

No data available.

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Dipropylene glycol monomethyl ether: Hazardous decomposition products formed under fire conditions. - Carbon oxides

Other decomposition products - No data available

In the event of fire: see section 5

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

Name withheld

LD50 Oral - Rat - 4,400 mg/kg

Citation: Sigma SDS

Distillates, petroleum, hydrotreated light

LD50 Oral - Rat - > 5000 mg/kg

#### Skin corrosion/irritation

Name withheld

LD50 Skin - Rabbit - >5,000 mg/kg

Citation: Sigma SDS

Distillates, petroleum, hydrotreated light

LD50 Skin - Rabbit - > 5,000 mg/kg

#### Serious eye damage/irritation

Distillates, petroleum, hydrotreated light

- Rabbit

Result: Not irritating to eyes

#### Respiratory or skin sensitization

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No data available.

## **Germ cell mutagenicity**

No data available.

## **Carcinogenicity**

No data available.

## **Reproductive toxicity**

No data available.

## **Summary of evaluation of the CMR properties**

No data available.

## **STOT-single exposure**

No data available.

## **STOT-repeated exposure**

No data available.

## **Aspiration hazard**

No data available.

## **Additional information**

No data available.

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## **SECTION 12: Ecological information**

### **Toxicity**

Not established but expected to be low

### **Persistence and degradability**

100% biodegradable

### **Bio accumulative potential**

None

### **Mobility in soil**

Not established

### **Results of PBT and vPvB assessment**

Does not bio-accumulate

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## **SECTION 13: Disposal considerations**

### **Disposal of the product**

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

### **Disposal of contaminated packaging**

No data available.

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**Waste treatment**

No data available.

**Sewage disposal**

No data available.

**Other disposal recommendations**

No data available.

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## SECTION 14: Transport information

**DOT (US)**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

**IMDG**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY

**IATA**

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

**California Prop. 65 Components**

This product does contain a chemical known to State of California to cause cancer, birth defects, or any other reproductive harm.

Dipropylene glycol monomethyl ether

CAS number: 34590-94-8

**Canadian Domestic Substances List (DSL)**

Chemical name: Propanol, 1(or 2)-(2-methoxymethylethoxy)-

CAS: 34590-94-8

**Massachusetts Right To Know Components**

Dipropylene glycol monomethyl ether

CAS number: 34590-94-8

**New Jersey Right To Know Components**

Dipropylene glycol monomethyl ether

CAS number: 34590-94-8

**Pennsylvania Right To Know Components**

Dipropylene glycol monomethyl ether

CAS number: 34590-94-8

**SARA 311/312 Hazards**

Fire Hazard, Chronic Health Hazard

# Safety Data Sheet

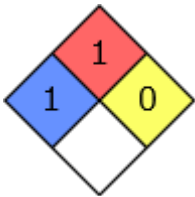
## SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

## HMIS Rating

All Purpose Cleaner	
HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

## NFPA Rating



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## SECTION 16: Other information

### SARA 302

Not listed

### SARA 313

Dipropylene glycol monomethyl ether

### TSCA inventory

All components are listed

### Pa. right to know

Dipropylene glycol monomethyl ether

### Cal. Proposition 65 components

All components are listed

## HMIS Rating

Health	1
Flammability	0
Physical hazard	0
Personal protection	D

## NFPA Rating

Health hazard	1
Fire hazard	0
Reactivity hazard	0
Special hazard	