



# SAFETY DATA SHEET

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## SECTION 1: Identification

### 1.1 Product identifier

Product name Cleaner and Degreaser

Brand JEGS

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

General purpose cleaner and degreaser

### 1.4 Supplier's details

Name

Address

JEGS  
United States

### 1.5 Emergency phone number(s)

Company Phone General Assistance 540-489-2066  
Emergency Phone US 1-866-836-8855  
Emergency Phone Outside US 1-952-852-4646

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## SECTION 2: Hazard identification

### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

### 2.2 GHS label elements, including precautionary statements

Eye irritant

### 2.3 Other hazards which do not result in classification

Not a hazardous substance or mixture.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. ETHYLENE GLYCOL MONOBUTYL ETHER

Concentration 2 -5 %

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Other names / synonyms	2-BUTOXY-1-ETHANOL; 2-BUTOXYETHANOL; 3-OXA-1-HEPTANOL; BUCS; BUTOXYETHANOL; BUTYL CELLOSOLVE; BUTYL GLYCOL; BUTYL OXITOL; DOWANOL EB; EKTASOLVE EB; Ethanol, 2-butoxy-; ETHYLENE GLYCOL MONOBUTYL ETHER; ETHYLENE GLYCOL N-BUTYL; ETHYLENEGLYCOLMONOBUTYLETHER; GAFCOL EB; GLYCOL BUTYL ETHER; GLYCOL ETHER EB; GLYCOL ETHER EB ACETATE; GLYCOL MONOBUTYL ETHER; JEFFERSOL EB; MONOBUTYL ETHER OF ETHYLENE GLYCOL; MONOBUTYL GLYCOL ETHER; N-BUTOXYETHANOL; O-BUTYL ETHYLENE GLYCOL; POLY-SOLV EB; UN 2369
EC no.	203-905-0
CAS no.	111-76-2
Index no.	603-014-00-0

- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2

H302	Harmful if swallowed
H312	Harmful in contact with skin
H315	Causes skin irritation
H319	Causes serious eye irritation
H332	Harmful if inhaled

## 2. Dipropylene glycol monomethyl ether

Concentration 2 - 5 %

Other names / synonyms	Dipropylene glycol monomethyl ether; Propanol, 1(or 2)-(2-methoxymethylethoxy)-
CAS no.	34590-94-8

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

General advice	Not hazardous under normal use
If inhaled	Not a likely route of exposure
In case of skin contact	Wash with water
In case of eye contact	Flush with water and see a physician if irritation persists
If swallowed	Do not induce vomiting. Seek medical attention.
Personal protective equipment for first-aid responder	
Eye protection recommended	

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

Eye irritant

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

Ingestion of moderate to large quantities may require medical attention

## SECTION 5: Fire-fighting measures

- 5.1 Suitable extinguishing media**  
Not combustible
- 5.2 Specific hazards arising from the chemical**  
None
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## SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedure**  
Eye protection recommended
- 6.2 Environmental precautions**  
Avoid release into streams and waterways
- 6.3 Methods and materials for containment and cleaning up**  
Absorb with sawdust or vermiculite
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## SECTION 7: Handling and storage

- 7.2 Conditions for safe storage, including any incompatibilities**  
Store in a cool dry place.
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**1. 2-Butoxyethanol (CAS: 111-76-2)**

PEL (Inhalation): 50 ppm (OSHA)

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

**2. 2-Butoxyethanol (CAS: 111-76-2)**

PEL (Inhalation): 240 mg/m<sup>3</sup> (OSHA)

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

**3. 2-Butoxyethanol (CAS: 111-76-2)**

PEL (Inhalation): 20 ppm (Cal/OSHA)

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

**4. 2-Butoxyethanol (CAS: 111-76-2)**

REL (Inhalation): 5 ppm (NIOSH)

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

**5. Dipropylene glycol methyl ether (CAS: 34590-94-8)**

PEL (Inhalation): 100 ppm (OSHA)

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

**6. Dipropylene glycol methyl ether (CAS: 34590-94-8)**

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

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

**7. Dipropylene glycol methyl ether (CAS: 34590-94-8)**

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

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

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### **8. Dipropylene glycol methyl ether (CAS: 34590-94-8)**

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

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

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

Eye Protection

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## Thermal hazards

None

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form	Clear liquid
Odor	Mild solvent
Odor threshold	High
pH	12
Melting point/freezing point	32 deg F
Initial boiling point and boiling range	212 deg F
Flash point	Not established but expected to be very high
Evaporation rate	Equal to water
Flammability (solid, gas)	None
Upper/lower flammability limits	Not established
Upper/lower explosive limits	Not established
Vapor pressure	Equal to water
Vapor density	Less than air
Relative density	1.01g/cc
Solubility(ies)	Water soluble in all proportions
Partition coefficient: n-octanol/water	Not established
Auto-ignition temperature	Not established
Decomposition temperature	Not established
Viscosity	0.8 SI units same as water
Explosive properties	None
Oxidizing properties	None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Unreactive under normal conditions

### 10.2 Chemical stability

Stable

### 10.3 Possibility of hazardous reactions

Unlikely except with strong oxidizers

### 10.4 Conditions to avoid

Do not freeze

### 10.5 Incompatible materials

Strong oxidizers

### 10.6 Hazardous decomposition products

Oxides of nitrogen and carbon

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## SECTION 11: Toxicological information

### Information on toxicological effects

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**Acute toxicity**

None

**Skin corrosion/irritation**

Very mild irritant

**Serious eye damage/irritation**

Irritant

**Respiratory or skin sensitization**

Not a likely route of exposure for respiration but can cause mild skin irritation with prolonged exposure

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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 in accordance with local, state and federal guidelines

**Disposal of contaminated packaging**

Not a hazardous waste

**Waste treatment**

Absorb onto sawdust or vermiculite if spilled. Dispose of in accordance with local, state and federal guidelines

**Sewage disposal**

Non-hazardous and biodegradable. Low organic loading.

**Other disposal recommendations**

Not a hazardous waste

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## SECTION 14: Transport information

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

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## IATA

Not dangerous goods

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## SECTION 15: Regulatory information

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

#### SARA 302

Not listed

#### SARA 313

Ethylene Glycol Monobutyl ether

#### TSCA inventory

All components are listed

#### Pa. right to know

Dipropylene glycol monomethyl ether

#### Cal. Proposition 65 components

Not 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	