

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Material number : ZU0567128

#### Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE  
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

#### Emergency telephone numbers

**For SDS Information** : Compliance Services - 877-428-9937

**For a Medical Emergency** : 877-541-2016 Toll Free - All Calls Recorded

**For a Transportation** : CHEMTREC: 800-424-9300 - All Calls Recorded.

**Emergency** : In the District of Columbia 202-483-7616

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

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

Appearance	liquid
Colour	clear, green
Odour	pleasant

#### GHS Classification

Eye irritation : Category 2A

#### GHS label elements

Hazard pictograms :



Exclamation  
mark

Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements : **Prevention:**  
P264 Wash skin thoroughly after handling.  
P280 Wear eye protection/ face protection.  
**Response:**  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

easy to do. Continue rinsing.  
P337 + P313 If eye irritation persists: Get medical advice/  
attention.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous components

Chemical name	CAS-No.	Concentration [%]
Alcohols, C9-11, ethoxylated	68439-46-3	>= 1 - < 3

The exact percentages of disclosed substances are withheld as trade secrets.

### SECTION 4. FIRST AID MEASURES

- General advice : Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.  
Do not leave the victim unattended.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash contaminated clothing before re-use.  
Remove contaminated clothing and shoes.  
If skin irritation persists, call a physician.  
Wash off immediately with plenty of water for at least 15 minutes.
- In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.  
Remove contact lenses.  
Protect unharmed eye.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.  
DO NOT induce vomiting unless directed to do so by a physician or poison control center.
- Most important symptoms and effects, both acute and delayed : Effects are dependent on exposure (dose, concentration, contact time).  
Effects are immediate and delayed.  
Symptoms may include irritation, redness, pain, and rash.  
Causes serious eye irritation.
- Notes to physician : Treat symptomatically. Symptoms may be delayed.

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

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---

### SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Dry chemical  
Water spray jet  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam
- Unsuitable extinguishing media : High volume water jet
- Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.
- Hazardous combustion products : Carbon dioxide (CO<sub>2</sub>)  
Carbon monoxide  
Smoke
- Specific extinguishing methods : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.  
Ensure adequate ventilation.  
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.  
Prevent product from entering drains.  
If the product contaminates rivers and lakes or drains, inform respective authorities.
- Methods and materials for containment and cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Sweep up or vacuum up spillage and collect in suitable container for disposal.

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### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Avoid contact with skin and eyes.

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

Avoid exposure - obtain special instructions before use.

Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.  
Electrical installations / working materials must comply with the technological safety standards.

Materials to avoid : Keep away from oxidizing agents and strongly acid or alkaline materials.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

**Engineering measures** : effective ventilation in all processing areas

#### Personal protective equipment

Respiratory protection : Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

#### Hand protection

Material : Protective gloves  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

#### Eye protection

: Safety glasses  
Ensure that eyewash stations and safety showers are close to the workstation location.

#### Skin and body protection

: Impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

#### Hygiene measures

: When using do not eat, drink or smoke.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : clear, green

Odour : pleasant

Odour Threshold : No data available

## SAFETY DATA SHEET

# ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

pH	:	10.5 - 11.5
Melting point/freezing point	:	No data available
Boiling point	:	100 °C
Flash point	:	does not flash
Evaporation rate	:	No data available
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	not determined
Relative vapour density	:	No data available
Density	:	0.99 g/cm <sup>3</sup>
Solubility(ies)		
Water solubility	:	soluble
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	not determined
Thermal decomposition	:	No data available
Viscosity		
Viscosity, kinematic	:	No data available

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### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	No data available
Incompatible materials	:	Oxidizing agents
Hazardous decomposition products	:	Carbon oxides

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### SECTION 11. TOXICOLOGICAL INFORMATION

#### Potential Health Effects

## SAFETY DATA SHEET

# ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

Aggravated Medical Condition : None known.  
Symptoms of Overexposure : Effects are dependent on exposure (dose, concentration, contact time).  
Effects are immediate and delayed.  
Symptoms may include irritation, redness, pain, and rash.  
Causes serious eye irritation.  
Treat symptomatically. Symptoms may be delayed.

### Carcinogenicity:

**IARC** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
**ACGIH** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.  
**OSHA** No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.  
**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Acute toxicity

#### Product:

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

#### Components:

##### **Alcohols, C9-11, ethoxylated:**

Acute oral toxicity : LD50 Oral Rat: 1,400 mg/kg

### Skin corrosion/irritation

#### Product:

Remarks: May cause skin irritation in susceptible persons.

### Serious eye damage/eye irritation

#### Product:

Remarks: Irritating to eyes.

### Respiratory or skin sensitisation

No data available

### Germ cell mutagenicity

No data available

### Carcinogenicity

No data available

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

### Reproductive toxicity

No data available

### STOT - single exposure

No data available

### STOT - repeated exposure

No data available

### Aspiration toxicity

No data available

### Further information

#### Product:

Remarks: No data available

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## SECTION 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No data available

### Persistence and degradability

No data available

### Bioaccumulative potential

#### Product:

Partition coefficient: n-octanol/water : Remarks: No data available

### Mobility in soil

No data available

### Other adverse effects

No data available

#### Product:

Regulation	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

---

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

- Waste from residues : Dispose of in accordance with local regulations.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Do not dispose of waste into sewer.
- Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.

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### SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):  
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

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### SECTION 15. REGULATORY INFORMATION

- TSCA list** : No substances are subject to a Significant New Use Rule.

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

No substances are subject to TSCA 12(b) export notification requirements.

### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Serious eye damage or eye irritation

**SARA 302** : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : 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.

#### California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

#### The components of this product are reported in the following inventories:

**TSCA** On TSCA Inventory  
**DSL** All components of this product are on the Canadian DSL

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

#### Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

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## SECTION 16. OTHER INFORMATION

# SAFETY DATA SHEET

## ZEP CONCENTRATED ALL-PURPOSE CLEANER & DEGREASER 1GL 4CT

Version 4.1

Revision Date 10/01/2023

Print Date 12/31/2023

### Further information

#### NFPA:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>INSTABILITY</b>	<b>0</b>
<b>SPECIAL HAZARD.</b>	

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme

#### HMIS III:

<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

### OSHA - GHS Label Information:

Hazard pictograms



Exclamation  
mark

Signal word

Hazard statements

Precautionary statements

: **Warning:**  
: Causes serious eye irritation.

: **Prevention:** Wash skin thoroughly after handling. Wear eye protection/ face protection.  
**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

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---

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