



## UNIFIED SOLUTIONS FOR CLEANING

### Safety Data Sheet ECO OVEN CLEANER

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#### SECTION 1: Identification

##### 1.1 Product identifier

Product name ECO OVEN CLEANER

Product number 1304

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

Oven cleaners

##### 1.4 Supplier's details

Name UNIFIED SOLUTIONS FOR CLEANING  
Address 3 EVANS TERMINAL RD  
HILLSIDE, NJ 07205

Telephone 973-421-3300  
Fax 973-412-3310

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#### SECTION 2: Hazard identification

##### 2.1 Classification of the substance or mixture

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

- Corrosive to metals (chapter 2.16), Cat. 1
- Skin corrosion/irritation (chapter 3.2), Cat. 1
- Eye damage/irritation (chapter 3.3), Cat. 1

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

###### Pictogram



###### Signal word

**Danger**

###### Hazard statement(s)

H290  
H314  
H318

May be corrosive to metals  
Causes severe skin burns and eye damage  
Causes serious eye damage

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### Precautionary statement(s)

P234	Keep only in original container.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 + P310	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.
P321	Specific treatment (see First aid measures on this label).
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P405	Store locked up.
P406	Store in a corrosive resistant container with a resistant inner liner.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

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

No data available.

### Statement regarding ingredients of unknown toxicity (OSHA)

No data available.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

##### 1. Sodium hydroxide

Concentration  $\geq 10 - \leq 15$  % (Weight)

Other names / synonyms Caustic soda  
EC no. 215-185-5  
CAS no. 1310-73-2  
Index no. 011-002-00-6

##### 2. Tergitol Type NP-9

Concentration  $\geq 0.1 - \leq 0.4$  % (Weight)

Other names / synonyms Poly(oxy-1,2-ethanediyl), alpha-(4-nonylphenyl)-omega-hydroxy-, branched;  
Tergitol Type NP-4  
EC no. 500-315-8  
CAS no. 127087-87-0

##### 3. Sodium xylenesulfonate

Concentration  $\geq 0.1 - \leq 0.5$  % (Weight)

Other names / synonyms ALKATROPE SX-40; BENZENESULFONIC ACID, DIMETHYL-, SODIUM SALT; Benzenesulfonic acid, dimethyl-, sodium salt (1:1); CALSOFT SXS 96; CARSOSULF SXS; CONCO SXS; CYCLOPHIL SXS30; DIMETHYLBENZENESULFONIC ACID, SODIUM SALT; ELTESOL SX 30;

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EC no.	215-090-9
CAS no.	1300-72-7

ELTESOL SX93; HYDROTROPE; NAXONATE; NAXONATE G;  
NCI-C55403; REWORYL NXS40; RICHONATE SXS; SODIUM  
DIMETHYLBENZENESULFONATE; SODIUM XYLENE SULFONATE;  
SODIUM XYLENESULFONATE; STEPANATE X; SURCO SXS; ULTRAWET  
40SX; WITCONATE SXS; XYLENESULFONIC ACID, SODIUM SALT;  
XYLENESULFONICACIDSODIUMSALT

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### 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	If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.
In case of skin contact	Wash off with soap and plenty of water. Consult a physician.
In case of eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
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

Symptoms/injuries Causes severe skin burns and eye damage.

#### 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

No data available.

#### 5.3 Special protective actions for fire-fighters

Use water spray to cool unopened containers. Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

No data available.

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### SECTION 6: Accidental release measures

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

Use personal protective equipment.

#### 6.2 Environmental precautions

Do not let product enter sewers or public waters.

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### 6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### Reference to other sections

See Heading 8. Exposure controls and personal protection.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.

### 7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Incompatible products : Strong bases. Strong acids.

#### Specific end use(s)

No data available.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 1. Sodium hydroxide (CAS: 1310-73-2)

PEL (Inhalation): 2 mg/m<sup>3</sup> (OSHA)

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

#### 2. Sodium hydroxide (CAS: 1310-73-2)

PEL (Inhalation): (C) 2 mg/m<sup>3</sup> (Cal/OSHA)

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

#### 3. Sodium hydroxide (CAS: 1310-73-2)

REL (Inhalation): (C) 2 mg/m<sup>3</sup> (NIOSH)

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

### 8.2 Appropriate engineering controls

General industrial hygiene practice.

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

#### Eye/face protection

Safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves.

#### Respiratory protection

No data available.

#### Environmental exposure controls

Prevent further leakage or spillage if safe to do so. Do not let product enter sewers or public waters.

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## SECTION 9: Physical and chemical properties

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### Information on basic physical and chemical properties

Appearance/form	Brown liquid
Odor	No data available.
Odor threshold	No data available.
pH	11-12
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	1.1
Solubility(ies)	Water
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.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Extremely high or low temperatures.

### 10.5 Incompatible materials

Strong acids

### 10.6 Hazardous decomposition products

Carbon oxides

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not classified

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We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

Sodium hydroxide  
LD50 Skin - Rabbit - 1350 mg/kg

Tergitol Type NP-9  
LD50 Oral - Rat - 960-3,980 mg/kg  
LC50 Inhalation - Rat - 1.15 mg/l - 4 h  
LD50 Skin - Rabbit - 2,000-2,991 mg/kg

Sodium xylenesulfonate  
LD50 Oral - Rat - male and female -  $\geq$  7,200 mg/kg  
LD50 Oral - Rabbit - male and female -  $>$  2,000 mg/kg

#### **Skin corrosion/irritation**

Corrosive to eyes and skin

#### **Serious eye damage/irritation**

Corrosive to eyes and skin

#### **Respiratory or skin sensitization**

Not classified

#### **Germ cell mutagenicity**

Not classified

#### **Carcinogenicity**

Not classified

#### **Reproductive toxicity**

Not classified

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

Not classified

#### **STOT-single exposure**

Not classified

#### **STOT-repeated exposure**

Not classified

#### **Aspiration hazard**

Not classified

#### **Additional information**

Not classified

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## SECTION 12: Ecological information

#### **Toxicity**

No data available.

#### **Persistence and degradability**

No data available.

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### **Bioaccumulative potential**

No data available.

### **Mobility in soil**

No data available.

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

No data available.

### **Other adverse effects**

No data available.

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## **SECTION 13: Disposal considerations**

### **Disposal of the product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

### **Disposal of contaminated packaging**

Dispose of as unused product.

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## **SECTION 14: Transport information**

### **DOT (US)**

UN Number: 1824

Class: 8

Packing Group: II

Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

Reportable quantity (RQ): 2000 lbs

Marine pollutant: No

Poison inhalation hazard: No

### **IMDG**

UN Number: 1824

Class: 8

Packing Group: II

EMS Number: F-A, S-B

Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

### **IATA**

UN Number: 1824

Class: 8

Packing Group: II

Proper Shipping Name: SODIUM HYDROXIDE SOLUTION

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

#### **Massachusetts Right To Know Components**

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No components are subject to the Massachusetts Right to Know Act.

### **New Jersey Right To Know Components**

Sodium hydroxide  
Sodium xylenesulphonate

### **Pennsylvania Right To Know Components**

Sodium hydroxide  
Sodium xylenesulphonate

### **SARA 302 Components**

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

### **SARA 311/312 Hazards**

Acute Health Hazard

### **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.

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## **SECTION 16: Other information**

### **16.1 Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Unified Solutions For Cleaning be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Unified Solutions For Cleaning has been advised of the possibility of such damages.