

## Safety Data Sheet

### Duro-Kleen Concentrate Degreaser

#### SECTION 1- IDENTIFICATION

<b>Product Identifier:</b>	Degreaser
<b>Product Form:</b>	Mixture
<b>CAS Number:</b>	N/A
<b>INCI Name:</b>	N/A
<b>Intended Use of the Product:</b>	Industrial Degreaser
<b>Company Name:</b>	Lubriformance LLC
<b>Company Address:</b>	2021 Reserve Dr.; Canton, TX. 75103
<b>Phone Number:</b>	(P) 903-567-7236
<b>Emergency Phone Number:</b>	1-800-424-9300 (Chemtrec)

#### SECTION 2 – HAZARDOUS IDENTIFICATION

##### CLASSIFICATION OF THE MIXTURE GHS CLASSIFICATION

Skin Corrosion	Category 1
Serious Eye Damage	Category 1
Specific Target Organ Toxicity	Category 1
Flammable Liquid	Category 4
Acute Toxicity, Oral	Category 4
Hazardous to the Aquatic Environment, Acute	Category 2
Hazardous to the Aquatic Environment, Chronic	Category 3

#### LABEL ELEMENTS

#### GHS LABELING



#### HAZARD PICTOGRAMS:

#### SIGNAL WORD

#### HAZARD STATEMENTS

Warning	Combustible Liquid
H227	Causes Serious Eye Damage
H318	Harmful if Swallowed
H302	Causes Severe Skin Burns and Eye Damage
H314	Toxic to Aquatic Life
H401	Harmful to Life with Long Lasting Effects
H412	

#### PRECAUTIONARY STATEMENTS

P102	Keep out of reach of children
P103	Read label before use
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P260	Do not breathe fumes/mist
P264	Wash thoroughly after handling

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P270	Do not eat, drink or smoke when using this product
P273	Avoid release to the environment
P280	Wear protective gloves/clothing/eye and face equipment
P301+P330+P331+ P312	IF SWALLOWED rinse mouth. Do not induce vomiting. Call a doctor if you feel unwell
P303+P361+P353+P311	IF ON SKIN take all contaminated clothing off immediately. Rinse skin with water or shower. immediately call a doctor
P304+ P340	IF INHALED remove person to fresh air and keep comfortable for breathing
P305+P351+P338	IF IN EYES rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing. Immediately call a doctor
P308+P311	IF exposed or concerned call a doctor
P501	Dispose of container according in accordance with local/regional/national/international regulation
<b>OTHER HAZARDS</b>	No additional information available

### SECTION 3 – COMPOSITION/ INFORMATION ON INGREDIENTS

Based on the health hazard determination of contained ingredients present, this mixture presents the following health hazard(s):

HAZARDOUS COMPONENTS	CAS No.	%	GHS Classification
2-Butoxy ethanol	111-76-2	5-10	Flammable Liquid-Category 4 Acute Toxicity(Oral)-Category 4 Skin Corrosion/Irritation-Category 2 Specific Target Organ Toxicity-Single Exposure-Category 3 Serious Eye Damage/Eye Irritation-Category 2A
Sodium Hydroxide	1310-73-2	1-5	Skin Corrosion/Irritation-Category 1 Serious Eye Damage/Eye Irritation-Category 1 Specific Target Organ Toxicity-Single Exposure-Category 1 Hazardous to Aquatic Environment-Chronic-Category 3
Tetrasodium ethylenediamine tetraacetate	64-02-8	1-5	Corrosive To metals - Category 1 Acute Toxicity(Inhalation) - Category 4 Skin Irritation - Category 2 Serious Eye Damage - Category 1 Carcinogenicity - Category 2 Specific Target Organ Toxicity - Repeated Exposure (Inhalation)- Category 2 -
Sodium Xylenesulphonate	1300-72-7	1-5	Serious Eye Damage/Eye Irritation-Category 2A
Lauramine Oxide	1643-20-5	1-5	Acute Toxicity(Oral)-Category 4 Skin Corrosion/Irritation-Category 2 Serious Eye Damage/Eye Irritation-Category 1 Hazardous to Aquatic Environment-Acute-Category 1 Hazardous to Aquatic Environment-Chronic-Category 2
Proprietary Blend	Proprietary	1-5	Skin Corrosion/Irritation-Category 2 Serious Eye Damage/Eye Irritation-Category 2A

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### SECTION 4 – FIRST AID MEASURES

#### Description of Necessary First-Aid Measures

Inhalation:	If respiratory irritation occurs, remove individual to fresh air.
Skin Contact:	Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse
Eye Contact:	In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.
Ingestion:	Drink enough water to dilute. Do NOT induce vomiting. Consult physician immediately.

### SECTION 5 – FIREFIGHTING MEASURES

#### Extinguishing Media

Suitable Extinguishing Media:	Alcohol resistant foam, water spray, water fog, sand/earth. DO NOT use oil water stream
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#### Special Firefighting Procedures:

Evacuate area. Eliminate all sources of ignition if safe to do so. Flash back possible. Do not release runoff from fire control methods to sewers or waterways

#### Advice for Firefighters

Special protective equipment:	Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighter's protective clothing will only provide limited protection. This product may react with water. Reaction may produce heat and/or gases. This reaction may be violent.
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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### Personal Precautions, Protective Equipment and Emergency Procedures

Wear appropriate PPE- See Section 8

#### Methods for Cleaning or Taking Up

SMALL SPILLS: Contain spill if possible and safe to do so. Dilute with water and neutralize with dilute acid; absorb and collect.

LARGE SPILLS: Use PPE. Ensure adequate ventilation. Eliminate all sources of ignition. Dike the area to contain the spill. Attempt to neutralize by adding material such as acetic acid. Prevent spill from entering waterway. Do not empty into drains, surface water or ground water. Dispose of in accordance with general and local government regulations.

### SECTION 7 – HANDLING AND STORAGE

#### Usage and Storage Precautions:

Use good hygiene practices. As with all chemicals, avoid getting this product ON YOU or IN YOU. When using, do not eat, drink, or smoke. Wash thoroughly after handling this product. Use good hygiene practices. Store in original container. Keep container closed. Store in a cool, dry location. Avoid incompatible materials.

#### Other Precaution:

None

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### SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

<b>Ventilation:</b>	Use with adequate ventilation
<b>Respiration Protection:</b>	None required, when used with adequate ventilation
<b>Protective Gloves:</b>	Wear appropriate chemical resistant gloves, when possible
<b>Personal Protective Equipment:</b>	Wear safety glasses as minimum eye protection. Maintain eye wash station and safety shower facilities in work area.

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Form:	Liquid
Color:	Very Light Straw Yellow
Odor:	Glycol Ether Solvent
Odor Threshold:	no data available

#### Safety Data

pH:	13.3
Melting Point/Range:	no data available
Boiling Point/ Range:	no data available
Flash Point (ASTM D-56)	>150 F
Flammability (solid, gas):	no data available
Auto-ignition Temperature:	no data available
Water Solubility:	soluble
Solubility in other Solvents:	no data available
Partition Coefficient: noctanol/water:	no data available
Vapor Pressure:	no data available
Evaporation rate:	no data available
Relative Vapor Density:	no data available
Specific Gravity @ 25°C:	1.000 – 1.100
Oxidation/ Reduction Potential:	no data available
Viscosity, dynamic:	no data available
Viscosity, kinematic:	no data available
Explosive Properties:	no data available
Thermal Decomposition:	no data available
Lower Explosion Limit:	no data available
Upper Explosion Limit:	no data available

### SECTION 10 – STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of use
<b>Incompatibility (Materials to Avoid):</b>	Oxidizers, bases, strong acids
<b>Hazardous Decomposition Products:</b>	Carbon Oxides
<b>Hazardous Polymerization:</b>	Will not occur
<b>Conditions to Avoid:</b>	Incompatible materials. Heat, flames, sparks

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### SECTION 11 – TOXICOLOGICAL INFORMATION

#### Acute Toxicity

Acute Oral Toxicity:	no data available
Acute Inhalation Toxicity:	no data available
Acute Dermal Toxicity:	no data available
Other Routes of Administration:	no data available
Aspiration Toxicity:	no data available

#### Skin Corrosion/ Irritation

Skin Irritation:	Causes skin irritation
Eye Irritation:	Causes serious eye damage

#### Ingestion

Harmful if swallowed

#### Respiratory or Skin Sensitization

Sensitization:	no data available
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#### Repeated Dose Toxicity

Repeated Dose Toxicity:	no data available
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#### STOT

STOT – single exposure:	no data available
STOT – repeated exposure:	no data available

#### Carcinogenicity

Carcinogenicity:	no data available
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#### Mutagenicity

Genotoxicity in vitro:	no data available
Genotoxicity in vivo:	no data available

#### Reproductive Toxicity

Reproductive Toxicity:	no data available
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### SECTION 12 – ECOLOGICAL INFORMATION

#### Ecotoxicity Assessment:

Ecotoxicity Assessment:	no data available
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#### Persistence and Degradability

Biodegradability:	no data available
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#### Bioaccumulation

Bioconcentration Factor (BCF):	no data available
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#### Other Adverse Effects

Environment Assessment:	no data available
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### SECTION 13 – DISPOSAL CONSIDERATION

#### Product Disposal

Advice for Disposal:

For industrial release, do not release into sewers, on the ground or into any body of water. All disposal methods must be in compliance with all national, provincial and local laws and regulations. Disposal, characterization and compliance with applicable laws are the responsibility solely of the waste generator. Regulations and laws may vary in different locations.

### SECTION 14 – TRANSPORTATION INFORMATION

**UN NUMBER:** UN1760

**UN PROPER SHIPPING NAME:**

	Corrosive Liquid, N.O.S.
DOT(US) (GND)	Corrosive Liquid, N.O.S.
ADR(EU)	Corrosive Liquid, N.O.S.
IATA	Corrosive Liquid, N.O.S., MARINE POLLUTANT
IMDG	Corrosive Liquid, N.O.S., MARINE POLLUTANT

**HAZARD LABELS:**

DOT(US)		N/A
ADR(EU)		
IATA		
IMDG		

**PACKING GROUP:** II

**EMERGENCY RESPONSE GUIDE NUMBER:** N/A

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HAZCHEM CODE: N/A

### SECTION 15 – REGULATORY INFORMATION

**TSCA:** Not Regulated  
**California Proposition 65:** Not Applicable

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):  
311/312 HAZARD CATEGORIES:** Immediate  
Fire  
Reactivity

**U.S. SARA REPORTING REQUIREMENTS:** 2-Butoxy ethanol

**WHMIS Classification (Canada):** Not Applicable

#### **SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE EU REGULATIONS:**

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I** Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II** Not listed.

**Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex I** Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1** Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2** Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3** Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V** Not listed.

**Commission Decision 2000/479/EC on the implementation of a European pollutant emission register (EPER)** Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List** Not listed.

#### **Other regulations**

The product is classified and labelled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

#### **National regulations**

N/A

#### **Chemical safety assessment**

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## **Duro-Kleen Concentrate Degreaser**

No Chemical Safety Assessment has been carried out.

### **SECTION 16 – OTHER INFORMATION**

The information provided in this Safety Data Sheet is accurate to the best of Lubriformance LLC's knowledge. No guarantees or liabilities are expressed or implied. Because users are most aware of the application of the product, they must ensure that the proper personal protective equipment (PPE) is provided consistent with the information contained in the product SDS. This information is intended solely for the use of individuals trained in the particular hazard rating system. It does not release users from ensuring they are in conformity with all regulations linked to its activity.