

1. IDENTIFICATION

Product Identifier

Product Name EL COR

Other means of identification

SDS# 033
 UN/ID No UN1993
 Product Code 0404, 0405, 0406, 0408

Recommended use of the chemical and restrictions on use

Recommended Use General purpose orange solvent cleaner with lanolin

Details of the supplier of the safety data sheet

Supplier Address Lang Dental Mfg. Co., Inc.
 175 Messner Dr.
 Wheeling, IL 60090
 USA

Emergency telephone number

Company Phone Number +1 847-215-6622
 Emergency Telephone (INFOTRAC) +1 352-323-3500 (International)
 800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

For European use only: CLP Classification - Regulation (EC) No 1272/2008



Signal word: Warning

Hazard Statements

Flammable liquid	Category 3	H226	Flammable liquid and vapor.
Skin irritant	Category 2	H315	Causes skin irritation.
Skin Sensitization	Category 1	H317	May cause an allergic skin reaction.
Aquatic Acute	Category 1	H400	Very toxic to aquatic life.
Aquatic Chronic	Category 1	H410	Very toxic to aquatic life with long lasting effects.

Appearance Colorless to slightly yellow

Physical state Liquid

Odor Citrus

Precautionary Statements – Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
 P233 Keep container tightly closed.
 P240 Ground/bond container and receiving equipment.
 P241 Use explosion-proof electrical/ventilating/lighting/equipment.
 P242 Use only non-sparking tools.
 P243 Take precautionary measures against static discharge.
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray
 P264 Wash face, hands and any exposed skin thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273: Avoid release to the environment.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary Statements – Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P331 Do NOT induce vomiting.
 P333+P313 If skin irritation or rash occurs, get medical advice/attention.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 P370+P378 In case of fire: Use CO2, dry chemical, or foam for extinction
 P391: Collect spillage

Precautionary Statements – Storage

P235 Keep cool.
 P403+P233 Store in a well-ventilated place. Keep container tightly closed

Precautionary Statements – Disposal

P501 Dispose of contents/container to an approved waste disposal plant

3. COMPOSITION / INFORMATION ON INGREDIENTS
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Chemical Name	CAS No	Weight - %	Trade Secret
D-Limonene (Terpene hydrocarbons)	5989-27-5	<69	*
Mineral Oil	8042-47-5	<30	*
Lanolin	8006-54-0	<1	*

*Specific chemical weight has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Inhalation Remove victim to fresh air. Keep at rest in a position comfortable for breathing. Seek immediate medical attention.

Eye contact Rinse immediately with plenty of water, including under the eyelids, for at least 15 minutes. If irritation persists, call a physician immediately.

Ingestion If ingested, do not induce vomiting. Do not give liquids. Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately and provide an estimate of when and how much material was ingested. Seek immediate medical attention.

Skin Contact Wash with soap and water. If irritation, redness or swelling persists, call a physician immediately. Take off contaminated clothing and wash before reuse.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable: Chemical (alcohol-resistant) foam, dry chemical, or carbon dioxide,

Unsuitable: Do not use water. Water spray to cool containers or protect personnel. Use with caution.

Unusual Fire and Explosion Hazards

For bulk size: Flammable liquid and vapor. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Fight fire from a safe location.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Before cleaning any spill or leak, individuals must wear personal protective equipment as required. Remove any contaminated clothing and wash thoroughly before reuse.

Environmental precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

Methods and material for containment and clean-up

Method for containment Prevent further leakage or spillage if safe to do so. Dike and contain spill with inert material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. DO NOT use combustible materials such as sawdust. May contaminate water supply.

Method for clean-up Maximize ventilation (open doors and windows) and secure all sources of ignition. Place into appropriate closed container(s) for disposal in accordance with local, state and federal regulations. Wash all affected areas with plenty of warm water and soap.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Keep away from heat, sparks, and flame. Keep container closed after each use. Avoid contact with skin, eyes and clothing. Use good personal hygiene and housekeeping. After use, wash hands and exposed skin with soap and water. Do not eat, drink, or smoke while handling product. Ground and bond all containers when transferring. Observe precautions found on the label.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition. Protect from direct sunlight. Keep container closed to prevent water absorption and contamination. Methacrylate stored in bulk quantities must be kept in contact with air (oxygen). Keep at temperature not exceeding 30°C/86 °F.

Packaging materials Keep in original container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye / face protection Depending on the use of this product, safety glasses or goggles may be worn. Ensure that an eyewash station, sink or washbasin is available in case of exposure to eyes.

Skin and body protection If anticipated that prolonged and repeated skin contact will occur during use of this product, wear gloves for routine industrial use. If necessary, refer to US OSHA 29CFR SS1910.138 or the appropriate standards of Canada or the EC member states. Wear suitable protective clothing.

Respiratory protection No special respiratory protection is required under typical circumstances of use or handling. If necessary, use only respiratory protection authorized per US OSHA requirement in 29 CFR SS 1910.134, or applicable US state regulations, or the appropriate standards of Canada, its provinces, or the EC member states. VENTILATION: Local exhaust at processing equipment.

General hygiene considerations Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling. Food, beverages and tobacco products should not be carried, stored, or consumed where this material is in use. Wash hands thoroughly before eating, drinking, or smoking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	Citrus
Appearance	Liquid	Odor threshold	Not determined
Color	Clear to slightly yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks / Method</u>
pH	Not determined	
Melting point / freezing point	Not determined	
Boiling point / boiling range	176°C / 349° F	
Flash point	54°C / 129.2°F	
Evaporation rate	Not determined	
Flammability (solid, gas)	n/a (liquid)	
Flammability limits in air		
Upper flammability limit	Not determined	
Lower flammability limit	Not determined	
Vapor density	Not determined	
Specific gravity	0.851	
Solubility in other solvents	Not determined	
Autoignition temperature	Not determined	

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	Not reactive under normal conditions
<u>Chemical stability</u>	Stable under recommended storage conditions
<u>Conditions to avoid</u>	Avoid impact, friction, heat, sparks, flame and source of ignition
<u>Incompatible materials</u>	Strong oxidizing agents. Keep separate from alkalis.
<u>Hazardous decomposition products</u>	During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposures

Product information

Inhalation	Avoid breathing vapors or mists.
Eye contact	Avoid contact with eyes.
Skin contact	Harmful in contact with skin. Causes skin irritation.
Ingestion	May be harmful if swallowed.

Component information

Chemical Name	ORAL LD50	DERMAL LD50	INHALATION LC50
D-Limonene 5989-27-5	4400 mg/kg (rat)	>2000 g/kg (rabbit)	-

Product Components Listed as Carcinogenic None

12. ECOLOGICAL INFORMATION

Ecotoxicity

No information

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Follow all local and national government regulations in disposing material or contaminated packaging.

Contaminated Packaging

Reuse of empty drums or containers is not recommended. Employees should be advised of the potential hazards due to residual material associated with empty containers. Dispose of all empty containers in accordance with local and national government regulations.

14. TRANSPORTATION INFORMATION

DOT

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Terpene Hydrocarbons/Mineral Oil Solution)
Hazard Class	3
Packing Group	III

IATA

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Terpene Hydrocarbons/Mineral Oil Solution)
Hazard Class	3
Packing Group	III

IMDG

UN / ID No	UN1993
Proper shipping name	Flammable liquid, n.o.s. (Terpene Hydrocarbons/Mineral Oil Solution)
Hazard Class	3
Packing Group	III
Marine Pollutant	According to CLP Classification - Regulation (EC) No 1272/2008

15. REGULATORY INFORMATION

International Inventories

D-Limonene (Terpene hydrocarbons) 5989-27-5

DSL Listed Canadian Domestic Substances List

EINECS Listed European Inventory of Existing Chemical Substances

For U.S. use only: OSHA Hazard Communication 29 CFR Part 1910.1200 / GHS Classification



Signal word: Danger

Hazard Statements

Flammable liquid	Category 3	H226	Flammable liquid and vapor.
Aspiration toxicity	Category 1	H304	May be fatal if swallowed and enters airways.
Skin corrosion / irritation	Category 2	H315	Causes skin irritation.
Skin sensitization	Category 1	H317	May cause an allergic skin reaction.

US Federal Regulations

D-Limonene (Terpene hydrocarbons) 5989-27-5

TSCA No components listed in United States Toxic Substances Control Act (TSCA), subject to the reporting requirements of TSCA Section 12(b) if exported from the U.S.

SARA 311/312 – Hazard categories –Flammable, Health

SARA 313 – None

US State Regulations California Proposition 65 – Warning. This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin: None

16. OTHER INFORMATION

HMIS	Health Hazards	Flammability	Reactivity
	1	2	0

Effective Date 24-Feb-2021

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet