

SAFETY DATA SHEET

1. IDENTIFICATION

Product Identifier

Product Name: Chem Finish EDM 3001 Lite

Additional Identification

Product Code: 20047

Synonyms: none

Recommended use of the chemical and restrictions on use

Recommended use: Metalworking Fluid

Restrictions on use: Not determined

Details of the supplier of the safety data sheet

Manufacturer

Company Name: CLC Lubricants
Address: 0N902 Old Kirk Road
Geneva, IL 60134
Telephone: 630-232-7900

Emergency Telephone number

Infotrac: 800-535-5053

2. HAZARDS IDENTIFICATION

Classification

Health Hazards:

Aspiration Hazard	Category 1
Acute Toxicity - Inhalation	Category 5

Label Elements

Hazard Symbols:



Signal Word: DANGER

Hazard Statements:

H304 May be fatal if swallowed and enters airways
H333 May be harmful if inhaled



SAFETY DATA SHEET

Precautionary Statements:

- Prevention:** Wear protective gloves/protective clothing/eye protection/face protection.
Wash thoroughly after handling.
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
- Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water [or shower].
IF SWALLOWED: Rinse mouth. DO NOT induce vomiting.
- Storage:** Store in a dry place. Store in a closed container.
Store in a well-ventilated place. Keep cool.
- Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not otherwise classified (HNOC): None Identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Percentage
Normal Paraffins	90622-46-1	75 - 85
Dec-1-ene, dimers, hydrogenated	68649-11-6	<20
Hydrogenated dimerization products of 1-decene and 1-dodecene	151006-58-5	<20

4. FIRST-AID MEASURES

- Eye Contact:** In case of contact with eyes, rinse immediately with copious amounts of water. Get medical attention if irritation occurs. Remove contact lenses, if present and easy to do.
- Skin Contact:** Immediately wash exposed skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse. Obtain medical attention if irritation occurs.
- Inhalation:** If inhaled, remove to fresh air. Get medical attention if symptoms appear.
- Ingestion:** If swallowed, DO NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: no information available



SAFETY DATA SHEET

Indication of any immediate medical attention and special treatment needed

Note to physicians: Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, Foam, Dry Chemical, Carbon Dioxide (CO₂).

Inappropriate Extinguishing Media: Straight streams of water.

Fire-fighting instructions:

Evacuate area. Prevent runoff from fire control or dilution from entering streams, sewer, or drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards:

None known

Hazardous Combustion Products:

Smoke, Fume, oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation, especially in confined areas. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Environmental Precautions: Large spills, dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so.

Methods and material for containment and cleaning up: Pick up and transfer to properly labeled containers for disposal. Residual liquid can be absorbed on inert material and dispose of according to local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep containers closed. Avoid contact with skin, eyes or clothing. Wash hands after handling. Empty container may retain residue which may exhibit hazards of product. Do not attempt to clean empty containers since residue is difficult to remove.

Conditions for safe storage, including any complications: protect against physical damage. Store in cool, dry well ventilated location. Store away from incompatible materials.

Incompatible materials: Strong Oxidizing Agents.



SAFETY DATA SHEET

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Ingredients with occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>
Normal paraffins	5 mg/m ³
Dec-1-ene, dimers, hydrogenated	1 mg/m ³ (aerosol)
Hydrogenated dimerization products of 1-decene and 1-dodecene	1 mg/m ³ (aerosol)

Appropriate engineering controls

Engineering Controls Showers; Eye wash stations; Ventilation system

Individual protection measures, such as personal protective equipment

Eye/face Protection: Wear safety glasses with side shields (or goggles) and a face shield.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, wear a NIOSH/MSHA approved (or equivalent) full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Skin and Body Protection: Wear impervious gloves to prevent contact with the skin. Wear long sleeves when contact is likely to occur. Wear protective gear as needed – apron, suit, boots.

Other Protective Equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear water white	Physical State:	liquid
Odor:	Typical	Odor Threshold:	Not Determined
Specific Gravity:	0.78	Solubility in Water:	Insoluble
Flash Point °F (°C):	246(118) PMCC	Explosive limits, vol%:	0.5 – 4.7
Viscosity 40°C	35 SUS		
Vapor Pressure:	<0.1 mm Hg @ 20°C	Vapor Density:	7.1 (air=1)
Boiling Range:	500°F (260°C)	Auto Ignition Temperature:	400°F (204°C)

10. PHYSICAL AND CHEMICAL PROPERTIES

Reactivity: No data available.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous Reactions: Hazardous polymerization will not occur.



SAFETY DATA SHEET

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials: Strong oxidizers

Hazardous decomposition: Material does not decompose at ambient temperatures. During combustion carbon monoxide may be formed.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects:

Acute Toxicity – dermal	LD50 rabbit: > 2,000 mg/kg
Acute Toxicity – inhalation	LC50 rat (4 hours): > 5.8mg/l
Acute Toxicity – oral	LD50 rat: > 2,000 mg/kg

12. ECOLOGICAL INFORMATION

No Information Available

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Disposal should be in accordance with applicable regional, national, and local laws and regulations.

Contaminated Packaging: Do not reuse container.

14. TRANSPORTATION INFORMATION

DOT

Not Regulated

15. REGULATORY INFORMATION

OSHA Hazard Communication Standard:
Non-hazardous substance.

US Federal Regulations:

TSCA:

This product and/or its components are listed on the Toxic Substances Control Act (TSCA) inventory.

SARA 311/312 Hazard Categories:
Immediate (acute) Health

SARA 313 Toxic Release Inventory:



SAFETY DATA SHEET

This material contains no chemicals subject to the supplier notification requirements of the SARA 313 Toxic Release Program.

CWA (Clean Water Act):

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA:

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

16. OTHER INFORMATION

	HEALTH	FLAMMABILITY	PHYSICAL
<u>HMIS</u>	1	1	0
<u>NFPA</u>	1	1	0

Date Prepared: October 14, 2015

Revision Date: October 14, 2015

Version: 1

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 a guidance for safe handling, use, processing, storage, transportation, disposal and release and 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