



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 09-18-2024

Revision Number 3.2

## 1.1. Product identifier

Product Code(s) 453  
Product Name 453 WIRELIFE® ALMASOL® COATING GREASE

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses No information available  
Uses advised against No information available

## 1.3. Details of the supplier of the safety data sheet

### Supplier (manufacturer/importer/only representative/downstream user/distributor)

HH Compliance  
Rubicon Centre,  
CIT Campus,  
Bishopstown,  
Cork,  
Ireland  
T12 Y275  
+353-21-4868121

### Manufacturer

Lubrication Engineers Inc.  
1919 E. Tulsa  
Wichita, KS 67216  
USA  
800-537-7683

For further information, please contact

E-mail Address techsupport@le-inc.com

## 1.4. Emergency telephone number

Emergency Telephone CHEMTREC: +1-703-527-3887 (INTERNATIONAL)  
1-800-424-9300 (NORTH AMERICA)

| Emergency Telephone - §45 - (EC)1272/2008 |   |
|---|---|
| Europe                                    | 112   |
| Austria                                   | Vergiftungsinformationszentrale (AT): +43-(0)1-406 43 43  |
| Belgium                                   | Poison center (BE): +32 70 245 245  |
| Denmark                                   | Poison Control Hotline (DK): +45 82 12 12 12  |
| Finland                                   | Poison Information Centre (FI):+358 9 471 977   |
| France                                    | ORFILA (FR): + 01 45 42 59 59   |
| Germany                                   | Poison Center Berlin (DE): +49 030 30686 790  |
| Ireland                                   | National Poisons Information Centre (IE): +353 1 8379964  |
| Italy                                     | Poison Center, Milan (IT): +39 02 6610 1029   |
| Netherlands                               | National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals) |
| Norway                                    | Poisons Information (NO):+ 47 22 591300   |
| Poland                                    | Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97                                  |
| Portugal                                  | Poison Information Center (PT): +351 21 330 3284  |
| Spain                                     | Poison Information Service (ES): +34 91 562 04 20   |
| Sweden                                    | Poisons Information Center (SV):+46 8 33 12 31  |
| Switzerland                               | Poison Center: Tel 145; +41 44 251 51 51  |
| United Kingdom                            | NHS Direct (UK): +44 0845 46 47   |

**2.1. Classification of the substance or mixture**

Regulation (EC) No 1272/2008

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**2.2. Label elements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

**Signal word**

None

**Hazard statements**

This mixture is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]

51.72780001 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

51.72780001 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Unknown aquatic toxicity**

Contains 9.8838 % of components with unknown hazards to the aquatic environment.

**2.3. Other hazards**

No information available.

**Endocrine Disruptor Information**

This product does not contain any known or suspected endocrine disruptors.

**3.1 Substances**

The producer of "453" declares that it contains less than 3% DMSO extractable material by IP-346

**Full text of H- and EUH-phrases: see section 16****Acute Toxicity Estimate**

No information available

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

**4.1. Description of first aid measures****Inhalation**

Remove to fresh air.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

**Skin contact**

Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.

**Ingestion**

Rinse mouth.

**4.2. Most important symptoms and effects, both acute and delayed**

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**Symptoms** No information available.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**5.2. Special hazards arising from the substance or mixture**

**Specific hazards arising from the chemical** No information available.

**5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**6.1. Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

**6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

**6.3. Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Take up mechanically, placing in appropriate containers for disposal.

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

**7.1. Precautions for safe handling**

**Advice on safe handling** Ensure adequate ventilation.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep container tightly closed in a dry and well-ventilated place.

### 7.3. Specific end use(s)

#### 8.1. Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

**Derived No Effect Level (DNEL) - Workers** No information available

**Derived No Effect Level (DNEL) - General Public** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

#### 8.2. Exposure controls

**Engineering controls** No information available.

**Personal protective equipment  
Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

#### 9.1. Information on basic physical and chemical properties

**Physical state** Paste / Gel  
**Appearance** red brown  
**Color** No information available  
**Odor** Hydrocarbon-like.  
**Odor threshold** No information available

| <u>Property</u>                       | <u>Values</u>     | <u>Remarks • Method</u>  |
|---------------------------------------|-------------------|--------------------------|
| <b>Melting Point / Freezing Point</b> | No data available | None known               |
| <b>Boiling Point/Range</b>            | No data available | None known               |
| <b>Flammability</b>                   | No data available | None known               |
| <b>Flammability Limits in Air</b>     |                   |                          |
| <b>Upper flammability limit:</b>      | No data available |                          |
| <b>Lower Flammability Limit</b>       | No data available |                          |
| <b>Flash Point</b>                    | 203 - °C          | No information available |
| <b>Autoignition Temperature</b>       | No data available | None known               |
| <b>Decomposition Temperature</b>      | No data available | None known               |
| <b>pH</b>                             | No data available | None known               |
| <b>pH (as aqueous solution)</b>       | No data available | No information available |

|  |                          |            |
|--|--------------------------|------------|
| Viscosity, kinematic                   | No data available        | None known |
| Viscosity, dynamic                     | No data available        | None known |
| Water solubility                       | no data available        | None known |
| Solubility in other solvents           | No data available        | None known |
| Partition coefficient: n-octanol/water | No data available        | None known |
| Vapor pressure                         | No data available        | None known |
| Specific Gravity                       | 0.95                     | None known |
| Bulk Density                           | No data available        |            |
| Vapor Density                          | No data available        | None known |
| Particle characteristics               |                          |            |
| Particle Size                          | No information available |            |

## **9.2. Other information**

9.2.1. Information with regard to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available

## **10.1. Reactivity**

Reactivity No information available.

## **10.2. Chemical stability**

Stability Stable under normal conditions.

### **Explosion Data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

## **10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

## **10.4. Conditions to avoid**

Conditions to avoid None known based on information supplied.

## **10.5. Incompatible materials**

Incompatible materials None known based on information supplied.

## **10.6. Hazardous decomposition products**

Hazardous Decomposition Products None known based on information supplied.

## **11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008**

### **Information on likely routes of exposure**

#### **Product Information**

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Specific test data for the substance or mixture is not available.

Skin contact Specific test data for the substance or mixture is not available.

**Ingestion**

Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics****Symptoms**

No information available.

**Acute toxicity****Numerical measures of toxicity**

No information available

**The following values are calculated based on chapter 3.1 of the GHS document****ATEmix (oral)**

96,544.40 mg/kg

51.72780001 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.

51.72780001 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor).

51.72780001 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation**

No information available.

**Serious eye damage/eye irritation**

No information available.

**Respiratory or skin sensitization**

No information available.

**Germ cell mutagenicity**

No information available.

**Carcinogenicity**

No information available.

**DMSO Disclaimer** The producer of "453" declares that it contains less than 3% DMSO extractable material by IP-346**Reproductive toxicity**

No information available.

**STOT - single exposure**

No information available.

**STOT - repeated exposure**

No information available.

**Aspiration hazard**

No information available.

**11.2. Information on other hazards****11.2.1. Endocrine disrupting properties****Endocrine disrupting properties**

No information available.

**11.2.2. Other information**

**Other Adverse Effects** No information available.

**12.1. Toxicity**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

**Unknown aquatic toxicity** Contains 9.8838 % of components with unknown hazards to the aquatic environment.

**12.2. Persistence and degradability**

**Persistence and Degradability** No information available.

**12.3. Bioaccumulative potential**

**Bioaccumulation** There is no data for this product.

**12.4. Mobility in soil**

**Mobility in soil** No information available.

**12.5. Results of PBT and vPvB assessment**

**PBT and vPvB assessment** The product does not contain any substance(s) classified as PBT or vPvB above the threshold of declaration.

**12.6. Endocrine disrupting properties**

**Endocrine disrupting properties** No information available.

**12.7. Other adverse effects**

No information available.

**13.1. Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**OTHER INFORMATION**

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

**ICAO/IATA**

**14.1. UN number or ID number** Not regulated

**14.2. UN proper shipping name** Not regulated

**14.3. Transport hazard class(es)** Not regulated

**14.4. Packing group** Not regulated

**14.5.**

**14.6. Special precautions for user**

**Special Provisions** None

**IMDG**

**14.1. UN number or ID number** Not regulated

**14.2. UN proper shipping name** Not regulated

**14.3. Transport hazard class(es)** Not regulated

**14.4.**

**14.5**

**14.6. Special precautions for user**

**Special Provisions** None

**14.7 Maritime transport in bulk according to IMO instruments** Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

**RID**

|                                    |               |
|------------------------------------|---------------|
| 14.1. UN-No                        | Not regulated |
| 14.2. UN proper shipping name      | Not regulated |
| 14.3. Transport hazard class(es)   | Not regulated |
| 14.4.                              |               |
| 14.5.                              |               |
| 14.6. Special precautions for user |               |
| Special Provisions                 | None          |

**ADR/RID**

|                                    |               |
|------------------------------------|---------------|
| 14.1. UN number or ID number       | Not regulated |
| 14.2. UN proper shipping name      | Not regulated |
| 14.3. Transport hazard class(es)   | Not regulated |
| 14.4.                              |               |
| 14.5.                              |               |
| 14.6. Special precautions for user |               |
| Special Provisions                 | None          |

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

**International Inventories**

|      |      |
|------|------|
| ENCS | ENCS |
| KECL | KECL |
| AICS | AICS |

— **TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**NZIoC** - New Zealand Inventory of Chemicals



**15.2. Chemical safety assessment****Chemical Safety Assessment** No information available**Key or legend to abbreviations and acronyms**

SVHC: Substances of Very High Concern for Authorization:

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|          |                       |       |                           |
|----------|-----------------------|-------|---------------------------|
| TWA:     | Time weighted average | STEL: | Short term exposure limit |
| Ceiling: | Maximum limit value:  | *     | Skin designation          |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
U.S. Environmental Protection Agency ChemView Database  
European Food Safety Authority (EFSA)  
EPA (Environmental Protection Agency)  
Acute Exposure Guideline Level(s) (AELG(s))  
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
U.S. Environmental Protection Agency High Production Volume Chemicals  
Food Research Journal  
Hazardous Substance Database  
International Uniform Chemical Information Database (IUCID)  
National Institute of Technology and Evaluation (NITE)  
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
NIOSH (National Institute for Occupational Safety and Health)  
National Library of Medicine's ChemID Plus (NLM CIP)  
National Library of Medicine's PubMed database (NLM PUBMED)  
National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision Date** 09-18-2024**Reason for revision** Initial Release**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006****Disclaimer**

The information provided in this Material 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****EU SDS version information - EGHS**

GHS Revision 5