

Safety Data Sheet

acc. to OSHA HCS (29CFR 1910.1200) and WHMIS 2015 Regulations

Printing date: October 19, 2018

Revision: October 19, 2018

1 Identification

- **Product identifier**
- **Trade name:** FastLUBE 70+
- **Other means of identification:** 70+
- **Recommended use and restriction on use**
- **Recommended use:** Lubricant
- **Restrictions on use:** No relevant information available.
- **Details of the supplier of the Safety Data Sheet**
- **Manufacturer/Supplier:**
IDSC Holdings LLC dba. FASTORQ
18914 East Industrial Parkway
New Caney, TX 77357
281-449-6466
sales@fastorq.com
- **Emergency telephone number:**
ChemTel Inc.
(800)255-3924 (North America)
+1 (813)248-0585 (International)

2 Hazard(s) identification

- **Classification of the substance or mixture**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS07

- **Signal word:** Warning

- **Hazard statements:**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

- **Precautionary statements:**

P264 Wash thoroughly after handling.

P280 Wear protective gloves and eye protection.

P302+P352 If on skin: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P337+P313 If eye irritation persists: Get medical advice/attention.

- **Other hazards** There are no other hazards not otherwise classified that have been identified.

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3 Composition/information on ingredients

· Chemical characterization: Mixtures

· Components:

1317-33-5	molybdenum disulphide	>70%
68649-42-3	Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<10%
134758-95-5	Amines, polyethylenepoly-, reaction products with succinic anhydride polyisobutenyl derivs., borated ⚠ Eye Irrit. 2A, H319	<10%
8012-95-1	Mineral oil	<10%
8042-47-5	White mineral oil, petroleum ⚠ Asp. Tox. 1, H304	<10%
	Trade Secret Petroleum naphtha ⚠ Flam. Liq. 3, H226 ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<5%
57855-77-3	Calcium dinonylnaphthalenesulfonate ⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	<5%
8001-30-7	Corn Oil	<5%

· Additional information:

For the wording of the listed Hazard Statements, refer to section 16.

Petroleum-based ingredients pass the IP-346 assay for polycyclic aromatic compounds.

For the listed ingredient(s), the identity and/or exact percentage(s) are being withheld as a trade secret.

4 First-aid measures

· Description of first aid measures

· After inhalation:

Supply fresh air; consult doctor in case of complaints.

Provide oxygen treatment if affected person has difficulty breathing.

In case of unconsciousness place patient stably in side position for transportation.

· After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation or rash occurs: Get medical advice/attention.

· After eye contact:

Remove contact lenses if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; immediately call for medical help.

· Most important symptoms and effects, both acute and delayed:

Nausea in case of ingestion.

Gastric or intestinal disorders when ingested.

Irritating to eyes and skin.

· Indication of any immediate medical attention and special treatment needed:

No relevant information available.

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5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
 - Water fog / haze
 - Foam
 - Fire-extinguishing powder
 - Carbon dioxide
- **For safety reasons unsuitable extinguishing agents:** Water stream.
- **Special hazards arising from the substance or mixture**
 - Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
- **Protective equipment:**
 - Wear self-contained respiratory protective device.
 - Wear fully protective suit.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
 - Ensure adequate ventilation.
 - Particular danger of slipping on leaked/spilled product.
 - Use personal protective equipment as required.
- **Environmental precautions**
 - Avoid release to the environment.
 - Prevent from spreading (e.g. by damming-in or oil barriers).
- **Methods and material for containment and cleaning up**
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Send for recovery or disposal in suitable receptacles.
 - Dispose of the collected material according to regulations.
- **Reference to other sections**
 - See Section 7 for information on safe handling.
 - See Section 8 for information on personal protection equipment.
 - See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:**
 - Open and handle receptacle with care.
 - Avoid contact with the eyes and skin.
 - Keep out of reach of children.
- **Information about protection against explosions and fires:**
 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
- **Conditions for safe storage, including any incompatibilities**
- **Requirements to be met by storerooms and receptacles:**
 - Store in cool, dry conditions in well sealed receptacles.
 - Avoid storage near extreme heat, ignition sources or open flame.

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- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from oxidizing agents.
- **Specific end use(s)** No relevant information available.

8 Exposure controls/personal protection

· Control parameters

· Components with limit values that require monitoring at the workplace:

1317-33-5 molybdenum disulphide

PEL (USA)	Long-term value: 15* mg/m ³ *Total dust, as Mo
TLV (USA)	Long-term value: 10* 3** mg/m ³ as Mo; *inhalable fraction ** respirable fraction
EL (Canada)	Long-term value: 3* 10** mg/m ³ as Mo; *respirable **inhalable
LMPE (Mexico)	Long-term value: 10* 3** mg/m ³ *fracción inhalable **respirable; como Mo

8012-95-1 Mineral oil

PEL (USA)	Long-term value: 5 mg/m ³
REL (USA)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ oil mist
TLV (USA)	L
EV (Canada)	Short-term value: 10 mg/m ³ Long-term value: 5 mg/m ³ Mist
LMPE (Mexico)	Long-term value: 5 mg/m ³ A4

8001-30-7 Corn Oil

PEL (Canada)	Short-term value: 15 mg/m ³ Long-term value: 5 mg/m ³
TWA (Canada)	Long-term value: 10 mg/m ³

- **Exposure controls**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Keep away from foodstuffs, beverages and feed.
Avoid contact with the eyes and skin.
Avoid breathing vapors.
- **Engineering controls:** No relevant information available.
- **Breathing equipment:**
Not required under normal conditions of use.
Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**

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Protective gloves

Gloves are advised for repeated or prolonged contact.
Wear protective gloves to handle contents of damaged or leaking units.

· **Eye protection:**



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

- **Body protection:** Protective work clothing
- **Limitation and supervision of exposure into the environment** No special requirements.
- **Risk management measures** No special requirements.

9 Physical and chemical properties

· **Information on basic physical and chemical properties**

· **Appearance:**

· **Form:** Semi-solid

· **Color:** Gray

· **Odor:** Mild
Hydrocarbon

· **Odor threshold:** Not determined.

· **pH-value:** Not determined.

· **Melting point/Melting range:** Not determined.

· **Boiling point/Boiling range:** Not determined.

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Auto-ignition temperature:** Not determined.

· **Decomposition temperature:** Not determined.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Explosion limits**

· **Lower:** Not determined.

· **Upper:** Not determined.

· **Oxidizing properties:** Non-oxidizing.

· **Vapor pressure:** Not determined.

· **Density:**

· **Relative density:** Not determined.

· **Vapor density:** Not determined.

· **Evaporation rate:** Not determined.

· **Solubility in / Miscibility with**

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Water: Not miscible or difficult to mix.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity**

Dynamic: Not determined.

Kinematic: Not determined.

· **Other information** No relevant information available.

10 Stability and reactivity

- **Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.
- **Chemical stability:** Stable under normal temperatures and pressures.
- **Thermal decomposition / conditions to be avoided:**
No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** Reacts with strong oxidizing agents.
- **Conditions to avoid** Sources of ignition: sparks, open flame, incompatible materials
- **Incompatible materials** Oxidizers
- **Hazardous decomposition products**
Carbon monoxide and carbon dioxide
Hydrocarbons
Sulfur oxides (SO_x)
Phosphorus oxides (e.g. P₂O₅)

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:** None.
- **Primary irritant effect:**
- **On the skin:** Irritant to skin and mucous membranes.
- **On the eye:** Irritating effect.
- **Sensitization:** Based on available data, the classification criteria are not met.
- **IARC (International Agency for Research on Cancer):**
Present in trace quantities.

91-20-3	Naphthalene	2B
100-41-4	Ethylbenzene	2B
71-43-2	benzene	1
98-82-8	Cumene	2B

- **NTP (National Toxicology Program):**
Present in trace quantities.

91-20-3	Naphthalene	R
71-43-2	benzene	K
98-82-8	Cumene	R

- **OSHA-Ca (Occupational Safety & Health Administration):**

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Present in trace quantities.

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71-43-2 benzene

· **Probable route(s) of exposure:**

Ingestion.

Eye contact.

Skin contact.

· **Germ cell mutagenicity:** Based on available data, the classification criteria are not met.

· **Carcinogenicity:** Based on available data, the classification criteria are not met.

· **Reproductive toxicity:** Based on available data, the classification criteria are not met.

· **STOT-single exposure:** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure:** Based on available data, the classification criteria are not met.

· **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Ecological information

· **Toxicity**

· **Aquatic toxicity** No relevant information available.

· **Persistence and degradability** The product is partially biodegradable. Significant residuals remain.

· **Bioaccumulative potential:** No relevant information available.

· **Mobility in soil:** No relevant information available.

· **Additional ecological information**

· **General notes:** Avoid release to the environment.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Other adverse effects** No relevant information available.

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation:**

Contact waste processors for recycling information.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

· **Uncleaned packagings**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **UN-Number**

· **DOT, ADR, ADN, IMDG, IATA**

Not regulated.

· **UN proper shipping name**

· **DOT, ADR, IMDG, IATA**

Not regulated.

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- | | |
|--|-----------------|
| · Transport hazard class(es) | |
| · DOT, ADR, IMDG, IATA | |
| · Class | Not regulated. |
| · Packing group | |
| · DOT, ADR, IMDG, IATA | Not regulated. |
| · Environmental hazards | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **United States (USA)**
- **SARA**

· Section 302 (extremely hazardous substances):

None of the ingredients are listed.

· Section 355 (extremely hazardous substances):

None of the ingredients are listed.

· Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

· TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.

· Proposition 65 (California)



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

· Chemicals known to cause cancer:

Present in trace quantities.

91-20-3	Naphthalene
100-41-4	Ethylbenzene
71-43-2	benzene
98-82-8	Cumene

· Chemicals known to cause developmental toxicity for females:

None of the ingredients are listed.

· Chemicals known to cause developmental toxicity for males:

Present in trace quantities.

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71-43-2	benzene
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· **Chemicals known to cause developmental toxicity:**

Present in trace quantities.

71-43-2	benzene
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108-88-3	Toluene
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· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):**

Present in trace quantities.

91-20-3	Naphthalene	2B
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100-41-4	Ethylbenzene	2B
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71-43-2	benzene	1
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98-82-8	Cumene	2B
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· **Canadian Domestic Substances List (DSL) (Substances not listed.):**

All ingredients are listed or exempt.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Abbreviations and acronyms:**

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bio-accumulable, Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety & Health Administration

Flam. Liq. 3: Flammable liquids – Category 3

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Asp. Tox. 1: Aspiration hazard – Category 1

· **Sources**

Website, European Chemicals Agency (echa.europa.eu)

Website, US EPA Substance Registry Services (ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do)

Website, Chemical Abstracts Registry, American Chemical Society (www.cas.org)

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaassen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

SDS Prepared by:

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