



1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations
Issue date: 12/8/2013 Revision date: 11/14/2025 Supersedes: 12/29/2020 Version: 3.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Product name : 1-Step Cleaner and Lube

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Intended for general public
Use of the substance/mixture : Lubricant
Restrictions on use : None known

1.4. Supplier's details

Finish Line Technologies, Inc.
50 Wireless Blvd.
Hauppauge, NY 11788
USA
T (631) 666-7300
sdsinfo@finishlineusa.com

1.5. Emergency phone number

Emergency number : Medical Emergency: PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304; Transportation
Emergency: CHEMTREC 24hr: 1-800-424-9300 | +1 703-527-3887

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.
Full text of hazard classes and H-statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Danger
Hazard statements (GHS US) : H304 - May be fatal if swallowed and enters airways
Precautionary statements (GHS US) : P301+P310 - If swallowed: Immediately call a poison center or doctor.
P331 - Do NOT induce vomiting.
P405 - Store locked up.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.
P102 - Keep out of reach of children.

2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS-No.: 64742-47-8	50 – 75	Asp. Tox. 1, H304
White mineral oil (petroleum)	CAS-No.: 8042-47-5	10 – 15	Asp. Tox. 1, H304
distillates (petroleum), hydrotreated heavy naphthenic	CAS-No.: 64742-52-5	10 – 15	Asp. Tox. 1, H304

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Do not induce vomiting. Call a physician immediately.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: Risk of lung edema.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard	: No fire hazard.
Explosion hazard	: No direct explosion hazard.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Prevent runoff from entering drains, sewers or waterways. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material-damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.
Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak, if possible without risk.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

For further information refer to section 13

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.

7.2. Conditions for safe storage, including incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Store locked up.
Packaging materials : Always store product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
USA - ACGIH - Occupational Exposure Limits	
Local name	C9-C15 Alkanes & Cycloalkanes
ACGIH® TLV® TWA	1200 mg/m³ vapor only
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Mineral oil, excluding metal working fluids Pure, highly and severely refined
ACGIH® TLV® TWA	5 mg/m³ (I - Inhalable particulate matter)

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Remark (ACGIH®)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2025

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.
Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Wear recommended personal protective equipment.

Hand protection:				
Wear protective gloves				
Type	Material	Permeation	Thickness (mm)	Penetration
Disposable gloves	butyl rubber	Check with protective equipment manufacturer's data.		
Eye protection:				
Wear eye protection				
Type		Field of application	Characteristics	
Safety glasses		Dust	Clear	
Skin and body protection:				
Wear suitable protective clothing				
Respiratory protection:				
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended				

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state : Liquid
Appearance : Liquid.
Color : Colorless
Odor : No data available
Odor threshold : No data available
pH : No data available
Melting point : Not applicable
Freezing point : No data available
Boiling point : No data available
Flash point : 98 °C (Distillates (petroleum), hydrotreated light)
Flammability (solid, gas) : Not applicable.
Vapor pressure : No data available
Relative vapor density at 20°C : No data available
Relative density : No data available
Density : ≈ 0.8 g/ml
Solubility : Slightly soluble.
Partition coefficient n-octanol/water (Log Pow) : No data available
Auto-ignition temperature : 247 °C (Distillates (petroleum), hydrotreated light)
Decomposition temperature : No data available
Viscosity, kinematic : < 20.5 mm²/s
Explosion limits : No data available

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Particle characteristics : No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Strong acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11 Toxicological information

Likely routes of exposure : Inhalation. Skin and eye contact.

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified (Not to be expected)

Acute toxicity (dermal) : Not classified (Not to be expected)

Acute toxicity (inhalation) : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
LD50 oral rat	> 15000 mg/kg (OECD 401 method)
LD50 dermal rabbit	> 3160 mg/kg (OECD 402 method)
LC50 Inhalation - Rat (Vapors)	> 6.1 mg/l/4h (OECD 403 method)
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LD50 oral rat	> 5000 mg/kg Source: IUCLID
White mineral oil (petroleum) (8042-47-5)	
LD50 oral rat	> 5000 mg/kg Source: International Uniform Chemical Information Database
LD50 dermal rabbit	> 2000 mg/kg body weight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 Inhalation - Rat	> 5 mg/l/4h Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

Skin corrosion/irritation : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
Read-across, rabbit	Not irritating to skin (equivalent or similar to), (OECD 404 method)

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

White mineral oil (petroleum) (8042-47-5)	
Result, rabbit	Not irritating to skin (OECD 404 method)

Serious eye damage/irritation : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
Read-across, rabbit	Not irritating to eyes (equivalent or similar to), (OECD 405 method)

White mineral oil (petroleum) (8042-47-5)	
Result, rabbit	Not irritating to eyes (OECD 405 method)

Respiratory or skin sensitization : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
Read-across, Guinea pig	Not expected to be a skin sensitizer (equivalent or similar to), (OECD 406 method)

White mineral oil (petroleum) (8042-47-5)	
Result, Guinea pig	Not expected to be a skin sensitizer (OECD 406 method)

Germ cell mutagenicity : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
Read-across, In vitro	Classification criteria are not met (equivalent or similar to), (OECD 471 method), (OECD 473 method), (OECD 476 method)
Read-across, In vivo	Classification criteria are not met (equivalent or similar to), (OECD 474 method)

White mineral oil (petroleum) (8042-47-5)	
Result, In vitro	Classification criteria are not met (OECD 473 method), (OECD 476 method), (OECD 471 method)

Carcinogenicity : Not classified (Not to be expected)

White mineral oil (petroleum) (8042-47-5)	
NOAEL (chronic,oral,animal/male,2 years)	1200 mg/kg body weight (OECD Guideline 453: ECHA Reach)

Reproductive toxicity : Not classified (Not to be expected)

STOT-single exposure : Not classified (Not to be expected)

STOT-repeated exposure : Not classified (Not to be expected)

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
NOAEL (oral,rat,90 days)	≥ 500 mg/kg bodyweight/day (OECD 408 method)

distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LOAEL (oral,rat,90 days)	125 mg/kg body weight Animal: rat, Animal sex: male, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents)
NOAEC (inhalation,rat,dust/mist/fume,90 days)	> 0.98 mg/l air Animal: rat, Guideline: OECD Guideline 412 (Subacute Inhalation Toxicity: 28-Day Study)

White mineral oil (petroleum) (8042-47-5)	
NOAEL (oral,rat,90 days)	≥ 1200 mg/kg body weight Animal: rat, Guideline: OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Aspiration hazard : May be fatal if swallowed and enters airways.

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after skin contact	: None under normal conditions.
Symptoms/effects after eye contact	: None under normal conditions.
Symptoms/effects after ingestion	: Risk of lung edema.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Hazardous to the aquatic environment, short-term (acute)	: Not classified (Not to be expected).
Hazardous to the aquatic environment, long-term (chronic)	: Not classified (Not to be expected).

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
LC50 - Fish [1]	> 1000 mg/l 96-hr, Oncorhynchus mykiss, (OECD 203 method)
EC50 - Crustacea [1]	> 100 mg/l 48-hr, Daphnia magna, mobility, (OECD 202 method)
EC50 - Other aquatic organisms [1]	> 1000 mg/l 72-hr, Pseudokirchnerella subcapitata, growth rate, (OECD 201 method)
ErC50 algae	1000 mg/l 72-hr, Pseudokirchnerella subcapitata, cell number, (OECD 201 method)
NOEC (chronic)	≥ 100 mg/l 32-d, Pimephales promelas, hatching, survival and growth, (OECD 210 method)
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
LC50 - Fish [1]	> 5000 mg/l Source: IUCLID
EC50 - Crustacea [1]	> 1000 mg/l Source: IUCLID
White mineral oil (petroleum) (8042-47-5)	
LC50 - Fish [1]	> 10000 mg/l Source: IUCLID

12.2. Persistence and degradability

1-Step Cleaner and Lube	
Persistence and degradability	Not rapidly degradable
Hydrocarbons, C12-C15, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-47-8)	
Persistence and degradability	Rapidly degradable
Ready biodegradability study, screening test, water	Readily biodegradable (OECD 301F method)
distillates (petroleum), hydrotreated heavy naphthenic (64742-52-5)	
Persistence and degradability	Rapidly degradable
White mineral oil (petroleum) (8042-47-5)	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone	: Not classified
Fluorinated greenhouse gases	: No

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

SECTION 13 Disposal considerations

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

1-Step Cleaner and Lube	
SARA Section 311/312 Hazard Classes	Refer to SECTION 2 - HAZARDS IDENTIFICATION

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

1-Step Cleaner and Lube

Safety Data Sheet

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

No additional information available

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

according to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations

Revision date : 11/14/2025

Issue date : 12/8/2013

Full text of hazard classes and H-statements	
Asp. Tox. 1	Aspiration hazard, Category 1
H304	May be fatal if swallowed and enters airways

Safety Data Sheet (SDS), USA, Finish Line

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.