

Revision Date: 11/19/2020

SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

1. Identification

Product identifier: MULTI-PURPOSE SPRAY LUBE - SW-630

Other means of identification

SDS number: RE1000044534

Recommended restrictions
Recommended use: Lubricant
Restrictions on use: Not known.

Manufacturer Information

Manufacturer

Company Name: Sprayway, Inc.

Address: 1000 INTEGRAM DR.

Pacific, MO 63069

US

Telephone: 1-630-628-3000

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

Physical Hazards

Flammable aerosol Category 1

Health Hazards

Serious Eye Damage/Eye Irritation Category 2A
Aspiration Hazard Category 1

Label Elements

Hazard Symbol:



Signal Word: Danger

Hazard Statement: Extremely flammable aerosol.

Causes serious eye irritation.

May be fatal if swallowed and enters airways.



Revision Date: 11/19/2020

Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face

protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF SWALLOWED: Immediately call a

POISON CENTER/doctor Do NOT induce vomiting.

Storage: Protect from sunlight. Do not expose to temperatures exceeding

50°C/122°F. Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal

facility in accordance with applicable laws and regulations, and product

characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC):

None.

3. Composition/information on ingredients

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Distillates (petroleum), hydrotreated light	64742-47-8	20 - <50%
White mineral oil (petroleum)	8042-47-5	20 - <50%
Acetic acid, methyl ester	79-20-9	10 - <20%
Propane	74-98-6	10 - <20%
Butane	106-97-8	10 - <20%
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	1 - <5%

^{*} All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

4. First-aid measures

Description of necessary first-aid measures

Inhalation: Move to fresh air.

Skin Contact: Wash skin thoroughly with soap and water. If skin irritation occurs:

Get medical advice/attention.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy

to do, remove contact lenses. Get medical attention.

Ingestion: Call a physician or poison control center immediately. Rinse mouth.

Never give liquid to an unconscious person. If vomiting occurs, keep

head low so that stomach content doesn't get into the lungs.

Personal Protection for First-

aid Responders:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in

enclosed spaces, SCBA.



Revision Date: 11/19/2020

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: Symptoms may be delayed.

5. Fire-fighting measures

General Fire Hazards: Use water spray to keep fire-exposed containers cool. Fight fire from a

protected location. Move containers from fire area if you can do so without

risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing

media:

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing

media:

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from

the chemical:

Vapors may travel considerable distance to a source of ignition and flash

back.

Special protective equipment and precautions for firefighters

Special fire fighting

procedures:

No data available.

Special protective equipment

for fire-fighters:

Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in

enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep

upwind.

Accidental release measures:

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you

can do so without risk.

Methods and material for containment and cleaning

up:

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or

spillage if safe to do so.



Revision Date: 11/19/2020

7. Handling and storage

Handling

Technical measures (e.g. Local and general ventilation):

No data available.

Safe handling advice: Avoid contact with eyes. Wash hands thoroughly after handling. Keep away

from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not

pierce or burn, even after use.

Contact avoidance measures: No data available.

Storage

Safe storage conditions: Store locked up. Pressurized container: protect from sunlight and do not

expose to temperatures exceeding 50°C. Do not pierce or burn, even after

use. Aerosol Level 3

Safe packaging materials: No data available.

Storage Temperature: No data available.

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Туре	Exposure L	imit Values	Source
Distillates (petroleum), hydrotreated light	REL		100 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Distillates (petroleum), hydrotreated light - Non-aerosol. - as total hydrocarbon vapor	TWA		200 mg/m3	US. ACGIH Threshold Limit Values, as amended
·	TWA		200 mg/m3	US. ACGIH Threshold Limit Values, as amended
White mineral oil (petroleum) - Mist.	REL		5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL		10 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL		5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
White mineral oil (petroleum) - Inhalable fraction.	TWA		5 mg/m3	US. ACGIH Threshold Limit Values, as amended
Acetic acid, methyl ester	REL	200 ppm	610 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	250 ppm	760 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	200 ppm	610 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	STEL	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	200 ppm	610 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	250 ppm	760 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
Propane	REL	1,000 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Butane	REL	800 ppm	1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	1,000 ppm		US. ACGIH Threshold Limit Values, as amended



Revision Date: 11/19/2020

		1		T
	TWA	800 ppm	1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
				amended
Methanol	STEL	250 ppm	325 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
				amended
	TWA	200 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	250 ppm		US. ACGIH Threshold Limit Values, as amended
	STEL	250 ppm	325 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
			Ü	amended
	REL	200 ppm	260 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
			•	amended
	PEL	200 ppm	260 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29
			Ü	CFR 1910.1000), as amended
	TWA	200 ppm	260 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
			•	amended
Phosphoric acid	STEL		3 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
			_	amended
	TWA		1 mg/m3	US. ACGIH Threshold Limit Values, as amended
	STEL		3 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
			· ·	amended
	REL		1 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as
			· ·	amended
	TWA		1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as
			ŭ	amended
	STEL		3 mg/m3	US. ACGIH Threshold Limit Values, as amended
	PEL		1 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29
			ŭ	CFR 1910.1000), as amended

Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
Methanol (methanol: Sampling time: End of shift.)	15 mg/l (Urine)	ACGIH BEL

Exposure guidelines

Distillates (petroleum), hydrotreated light	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
Methanol	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.

Appropriate Engineering Controls

No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection:

Wear safety glasses with side shields (or goggles).

Skin Protection

Hand Protection:

No data available.

Skin and Body Protection:

Wear suitable protective clothing.

Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from

local supervisor.

Hygiene measures:

Observe good industrial hygiene practices. Avoid contact with eyes. When

using do not smoke.

9. Physical and chemical properties

Appearance

Physical state: liquid

Form: Spray Aerosol
Color: No data available.
Odor: No data available.
Odor Threshold: No data available.



Revision Date: 11/19/2020

pH: No data available. Freezing point: No data available. **Boiling Point:** No data available. **Flash Point:** Estimated -104.44 °C **Evaporation Rate:** No data available. Flammability (solid, gas): No data available. **Explosive limit - upper (%):** estimated 9.5 %(V) Explosive limit - lower (%): Estimated 1.9 %(V)

Vapor pressure: 3,102 - 3,447 hPa (20 °C)

Vapor density (air=1): No data available. **Density:** No data available. Relative density: No data available. Solubility in Water: No data available. Solubility (other): No data available. Partition coefficient (n-octanol/water): No data available. **Self Ignition Temperature:** No data available. **Decomposition Temperature:** No data available. Kinematic viscosity: No data available. Dynamic viscosity: No data available. **Explosive properties:** No data available. Oxidizing properties: No data available.

10. Stability and reactivity

Reactivity: No data available.

Chemical Stability: Material is stable under normal conditions.

Possibility of hazardous

reactions:

No data available.

Conditions to avoid: Avoid heat or contamination.

Incompatible Materials: No data available.

Hazardous Decomposition

Products:

No data available.

11. Toxicological information

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.



Revision Date: 11/19/2020

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product: ATEmix: 22,222.22 mg/kg

Dermal

Product: ATEmix: 222,222.22 mg/kg

Inhalation

Product: ATEmix: 288.6 mg/l Dusts, mists and fumes

Repeated dose toxicity

Product: No data available.

Components:

Distillates (petroleum), NOAEL (Rat(Female, Male), Inhalation): >= 24 mg/m3 Inhalation

hydrotreated light Experimental result, Key study

NOAEL (Rat(Female), Oral, 70 - 147 d): 750 mg/kg Oral Experimental result,

Key study

White mineral oil NOAEL (Rat(Female, Male), Oral, 90 d): >= 20,000 ppm(m) Oral

(petroleum) Experimental result, Key study

Acetic acid, methyl ester NOAEL (Rat(Female, Male), Inhalation, 28 d): 350 ppm(m) Inhalation

Experimental result, Key study

LOAEL (Rat(Female, Male), Inhalation, 28 d): 2,000 ppm(m) Inhalation

Experimental result, Key study

Propane NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation

Experimental result, Key study

LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation

Experimental result, Key study

Butane LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation

Experimental result, Key study

NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation

Experimental result, Key study

Skin Corrosion/Irritation

Product: No data available.

Components:

Distillates (petroleum), in vivo (Rabbit): Not irritant

hydrotreated light

White mineral oil

in vivo (Rabbit): Not irritant

(petroleum)

Acetic acid, methyl

in vivo (Rabbit): Not irritant

ester

Phosphorodithioic acid,

O,O-di-C1-14-alkyl esters, zinc salts

estimated Irritating.

Serious Eye Damage/Eye Irritation

Product: No data available.

Components:

Distillates (petroleum), hydrotreated light

Rabbit, 24 - 72 hrs: Not irritating



Revision Date: 11/19/2020

White mineral oil (petroleum)

Rabbit, 24 - 72 hrs: Not irritating

Acetic acid, methyl

ester

Rabbit: Irritating

Respiratory or Skin Sensitization

Product: No data available.

Components:

Distillates (petroleum), hydrotreated light

Skin sensitization:, in vivo (Guinea pig): Non sensitising

White mineral oil

(petroleum)

Skin sensitization:, in vivo (Guinea pig): Non sensitising

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:

No carcinogenic components identified

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Components:

Distillates (petroleum),

May be fatal if swallowed and enters airways.

hydrotreated light

White mineral oil

May be fatal if swallowed and enters airways.

(petroleum)

Other effects: No data available.



Revision Date: 11/19/2020

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Components:

White mineral oil NOAEL (Oncorhynchus mykiss, 96 h): >= 100 mg/l Experimental result, Key

(petroleum) study

Acetic acid, methyl ester LC 50 (Fathead minnow (Pimephales promelas), 96 h): 295 - 348 mg/l

Mortality

LC 50 (Danio rerio, 48 h): 250 - 350 mg/l Experimental result, Key study

Propane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Butane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Aquatic Invertebrates

Product: No data available.

Components:

White mineral oil

(petroleum)

NOAEL (Daphnia magna, 48 h): >= 100 mg/l Experimental result, Key study

Acetic acid, methyl ester EC 50 (Daphnia magna, 48 h): 1,026.7 mg/l Experimental result, Key study

Butane LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:

Distillates (petroleum), hydrotreated light

NOAEL (Oncorhynchus mykiss): 0.098 mg/l QSAR QSAR, Key study

White mineral oil (petroleum)

NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting

study

Aquatic Invertebrates

Product: No data available.

Components:

White mineral oil (petroleum)

NOAEL (Daphnia magna): >= 1,000 mg/l QSAR QSAR, Supporting study

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.



Revision Date: 11/19/2020

Components:

Distillates (petroleum),

hydrotreated light

61 % Detected in water. Experimental result, Supporting study

White mineral oil

31 % (28 d) Detected in water. Read-across from supporting substance

(petroleum)

(structural analogue or surrogate), Supporting study

Acetic acid, methyl ester

70 % Detected in water. Experimental result, Key study

Propane

Butane

100 % (385.5 h) Detected in water. Experimental result, Key study 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

100 % (385.5 h) Detected in water. Experimental result, Key study

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Components:

Distillates (petroleum), hydrotreated light

White mineral oil (petroleum)

Acetic acid, methyl ester

Propane

Butane

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

No data available.

Other adverse effects: No data available.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local

laws.

Contaminated Packaging: No data available.

14. Transport information

DOT

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2.1 Label(s): –

EmS No.:

Packing Group:

Special precautions for user: Not regulated.



Revision Date: 11/19/2020

IATA

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es):

Class: 2.1
Label(s): Packing Group: -

Special precautions for user: Not regulated.

Other information

Passenger and cargo aircraft: Allowed. 203 Cargo aircraft only: Allowed. 203

IMDG

UN Number: UN 1950

UN Proper Shipping Name: Aerosols, flammable

Transport Hazard Class(es)

Class: 2 Label(s): -

EmS No.:

Packing Group: -

Special precautions for user: Not regulated.

15. Regulatory information

US Federal Regulations

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)

None present or none present in regulated quantities.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

Chemical Identity

Distillates (petroleum), hydrotreated light RCRA HAZARDOUS WASTE NO. D001 Acetic acid, methyl ester UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY ZINC COMPOUNDS METHANOL METHYL ALCOHOL

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

PHOSPHORIC ACID

Flammable aerosol, Serious Eye Damage/Eye Irritation, Aspiration Hazard

US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances



Revision Date: 11/19/2020

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

Chemical Identity

% by weight

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

1.0%

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

US State Regulations

US. California Proposition 65

For more information go to www.P65Warnings.ca.gov.

US. New Jersey Worker and Community Right-to-Know Act Chemical Identity

Distillates (petroleum), hydrotreated light White mineral oil (petroleum) Acetic acid, methyl ester Propane

Propane Butane

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

US. Massachusetts RTK - Substance List

No ingredient regulated by MA Right-to-Know Law present.

US. Pennsylvania RTK - Hazardous Substances

Chemical Identity

Distillates (petroleum), hydrotreated light White mineral oil (petroleum)
Acetic acid, methyl ester

Propane

Butane

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

Montreal protocol

Distillates (petroleum), hydrotreated light Acetic acid, methyl ester

Stockholm convention

Distillates (petroleum), hydrotreated light Acetic acid, methyl ester

Rotterdam convention

Distillates (petroleum), hydrotreated light Acetic acid, methyl ester

Kyoto protocol



Revision Date: 11/19/2020

Inventory Status:

Australia AICS On or in compliance with the inventory

Canada DSL Inventory List On or in compliance with the inventory

Canada NDSL Inventory Not in compliance with the inventory.

Ontario Inventory

On or in compliance with the inventory

China Inv. Existing Chemical Substances

On or in compliance with the inventory

Japan (ENCS) List Not in compliance with the inventory.

Japan ISHL Listing Not in compliance with the inventory.

Japan Pharmacopoeia Listing

Not in compliance with the inventory.

Korea Existing Chemicals Inv. (KECI)

On or in compliance with the inventory

Mexico INSQ On or in compliance with the inventory

New Zealand Inventory of Chemicals

On or in compliance with the inventory

Philippines PICCS On or in compliance with the inventory

Taiwan Chemical Substance Inventory

On or in compliance with the inventory

US TSCA Inventory On or in compliance with the inventory

EINECS, ELINCS or NLP Not in compliance with the inventory.

16. Other information, including date of preparation or last revision

Issue Date: 11/19/2020

Revision Information: No data available.

Version #: 1.0

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to

be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.