

SECTION 1: IDENTIFICATION

Company Information:

Coolants Plus Inc.
2570 Van Hook Ave
Hamilton, OH 45015
888-258-8723
www.starfire.com

Emergency Contact Information:

(630) 227-1800
8 AM - 4 PM, Monday through
Friday

Product Name	STARFIRE SOLEX White Oils
Product Description	Food Grade Multi-Purpose White Mineral Oil
Product Use	Product is intended for use as an industrial lubricant.

SECTION 2: HAZARD(S) IDENTIFICATION

Hazard Statement	This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard, which has been updated to align with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).
Precautionary Statements	Oil soaked materials (rags, steel wool, clothing, etc.) should be placed in a sealed metal container to prevent spontaneous combustion (fire). The product contains no substances at their given concentration, that are considered hazardous to one's health.
Hazard Classification	Not Applicable
Hazards not otherwise classified	None known
Unknown Toxicity Statement	<1% of the mixture consists of ingredients with unknown toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Components	CAS No.	Weight %
White Mineral Oil	8042-47-5	97-100%
Antioxidant	PROPRIETARY	0-3%

The exact percentage (concentration) of composition has been withheld as a trade secret. If CAS number is "PROPRIETARY", the specific chemical identity and percentage of composition has been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

First Aid - Inhalation	Move to fresh air. Artificial respiration and/or oxygen may be necessary. Seek medical advice.
First Aid - Eye Contact	Remove contact lenses. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
First Aid - Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Wash clothing before reuse. Seek medical advice.
First Aid - Ingestion	Rinse mouth with water. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. Seek medical advice.
Recommendations for immediate medical care/special treatment	Physicians should treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	No information available.

Specific hazards that may develop when chemical burns

Cool closed containers exposed to fire with water spray.

Special firefighting equipment/precautions

Prevent fire extinguishing water from contaminating surface water or the ground water system.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions.

Emergency procedures

In the event of a spill, evacuate non-essential personnel to a safe area, use personal protective equipment, and ensure adequate ventilation. Material can create slippery conditions.

Methods and material for containment

Prevent further leakage/spillage and remove any sources of ignition if safe to do so. Dam up and soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust) as directed by material manufacturer for containment of spills.

Cleanup procedures

Soak up with inert absorbent material. Non-sparking tools should be used. Ensure adequate ventilation. Clean contaminated area thoroughly. Contact the proper local authorities for disposal information.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Use only with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin, eyes and clothing. Do not ingest. Keep away from heat and sources of ignition. Keep container closed when not in use.

Storage recommendations

Store in original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep in a dry, cool and well-ventilated place. Keep in properly labelled containers. To maintain product quality, do not store in heat or direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Contains no substances with occupational exposure limit values.

Engineering controls

No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Recommended Personal Protective Equipment:

Eye/Face Protection	Wear face-shield and protective suit for abnormal processing problems.
Respiratory Protection	Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and
Skin/Body Protection	Use neoprene, nitrile, polyvinyl alcohol (PVA), or Viton (R) gloves when handling and choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Viscous Liquid
Odor	Mild petroleum oil like
Odor Threshold	Not available
pH	Not available
Melting Point/ Freezing Point	Not available
Initial Boiling Point/ Range	Not available
Flash Point	>420° F (>215° C)
Evaporation rate	Not available
Flammability	Low fire hazard. This material must be heated before ignition will occur.
Flammability, upper limits	Not available
Flammability, lower limits	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.865 kg/l (59° F / 15° C)
Solubility(ies)	No information
Solubility in water	Insoluble

Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity @ 40°C, cSt	33

SECTION 10: STABILITY AND REACTIVITY

Reactivity	This product is stable and non-reactive under normal conditions of use, storage, handling and transportation.
Stability	This product is chemically stable under normal conditions of use, storage, handling and transportation.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	No data available.
Incompatible materials	Reactive with oxidizing agents
Hazardous decomposition products	May release CO _x , smoke and irritating vapours when heated to decomposition.

SECTION 11: TOXICOLOGICAL INFORMATION

Potential health effects:

Inhalation	Health injuries are not known or expected under normal use.
Eye contact	Prolonged or excessive contact with eyes may result in mild irritation, however, significant health injuries are not expected under normal use.
Skin contact	Prolonged or excessive contact with skin may result in mild irritation, however, significant health injuries are not expected under normal use.
Ingestion	Health injuries are not known or expected under normal use. Overexposure may cause gastrointestinal disturbance.

Symptoms or effects, including acute and delayed:

Inhalation	None known or expected under normal use.
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Eye Contact	None known or expected under normal use.
Skin Contact	None known or expected under normal use.
Ingestion	None known or expected under normal use.

Toxicological effects:

Information on toxicological effects:	
Acute Toxicity	Based on available data, no evidence of acute toxicity.
Skin corrosion/irritation	Based on available data, not, or only mildly irritating.
Serious eye damage/irritation	Based on available data, not, or only mildly irritating.
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
STOT - single exposure	No data available
STOT - repeated exposure	No data available
Aspiration hazard	No data available

NTP Report on Carcinogens	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
IARC listing of potential carcinogens	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
OSHA listing of potential carcinogens	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Biodegradability, OECD 301B	No data available
Bioaccumulation	No data available
OECD 201 Alga, EC50, 72hr, mg/L	No data available
OECD 202 Daphnia, EC50, 48hr, mg/L	No data available
OECD 203 Fish, LC50, 96hr, mg/L	No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal considerations	Dispose of contents/container in accordance with all local, regional, state, national and international regulations.
Waste from residues/unused products	The product should not be allowed to enter drains, water courses or the soil. Offer surplus and non-recyclable solutions to a licensed disposal company. Waste must be classified and labeled prior to recycling or disposal. Send to a licensed waste management company. Dispose of as hazardous waste in compliance with local and national regulations. Dispose of product residue in accordance with the instructions of the person responsible for waste disposal.
Contaminated packaging	Empty containers may contain residue and should not be reused. They should be decontaminated and taken for local recycling, recovery or waste disposal.

SECTION 14: TRANSPORT INFORMATION

US DOT	Not regulated by the US DOT as a hazardous material
TDG (Canada)	Not regulated by the Canadian TDG as a hazardous material
ADR	Information not available
IMDG	Not regulated
IATA	Not regulated

SECTION 15: REGULATORY INFORMATION

US TSCA Inventory	All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.
California Prop. 65	Information not available
SARA Extremely Hazardous Substances	Information not available
SARA Section 313	Information not available

SECTION 16: OTHER INFORMATION

Revision date

6/28/2021



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