

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information: 1000040233

Product Identifier: SP6532 Oil System Cleaner

Recommended Use: Engine Cleaner

Manufacturer/Importer/Distributor Information: PLZ Aeroscience Corporation
1000 Ingram Dr
Pacific, MO 63069-3450
US
1-630-543-7600

Emergency Telephone: 1-866-836-8855

2. Hazard(s) identification

2.1 Classification

Flammable Liquid, category 3
Aspiration Hazard, category 1
Skin Irritation, category 2
Acute Toxicity, Inhalation, category 3
Germ Cell Mutagenicity, category 1B
Carcinogenicity, category 1B
STOT, repeated exposure, category 2

2.2 Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H331	Toxic if inhaled.
H340	May cause genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H350	May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H373	May cause damage to organs through prolonged or repeated exposure.

GHS PRECAUTIONARY STATEMENTS

Prevention	
P201	Obtain special instructions before use.

P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../ equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
Response	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302	IF ON SKIN:
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P311	Call a POISON CENTER or doctor/physician.
P314	Get medical advice/attention if you feel unwell.
P321	Specific treatment (see ... on this label).
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P352	Wash with plenty of soap and water.
P362	Take off contaminated clothing and wash before reuse.
P370+P378	In case of fire: Use ... for extinction.
Storage	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
Disposal	
P501	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.

2.3 Other Information

None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)</u> *
Fuels, Diesel, No 2	68476-34-6	75-100
Solvent Naphtha (petroleum), Heavy Aromatic	64742-94-5	0.1-1.0
Solvent naphtha (petroleum), light arom. [<0.1% Benzene]	64742-95-6	0.1-1.0

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

Composition Comments: Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

4. First-aid Measures

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

SKIN CONTACT: Symptoms may be delayed. Important to remove the substance from the skin immediately. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Call a physician or poison control center immediately. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Destroy or thoroughly clean contaminated shoes.

INHALATION: Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult, give oxygen.

INGESTION: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.

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.

IMPORTANT SYMPTOMS: No data available

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Symptoms may be delayed.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

SPECIAL FIREFIGHTING PROCEDURES: No data available.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No data available

6. Accidental Release Measures

PERSONAL PRECAUTIONS : Ventilate closed spaces before entering them. **ELIMINATE** all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: 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.

7. Handling and Storage

HANDLING: Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.

SAFE HANDLING ADVICE: Do not get in 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. Pressurized container: Do not pierce or burn, even after use. Do not get in eyes, on skin, on clothing.

STORAGE: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

NFPA 30B: No data available

8. Exposure Controls/Personal Protection

Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Fuels, Diesel, No 2	100 mg/m3	N.E.	N.E.	N.E.
Solvent Naphtha (petroleum), Heavy Aromatic	200 mg/m3	N.E.	N.E.	N.E.
Solvent naphtha (petroleum), light arom. [$<0.1\%$ N.E. Benzene]		N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established

Personal Protection

EYE/FACE PROTECTION: Wear chemical goggles and faceshield (if not wearing a full facepiece respirator). Wear a synthetic apron or coveralls to prevent contact with skin or clothing.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: In case of insufficient ventilation wear suitable respiratory equipment.

HYGIENIC PRACTICES: When using do not smoke. Observe good industrial hygiene practices.

ENGINEERING CONTROLS: No data available.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Clear Liquid
Color:	Pale amber/light yellow
Odor:	Solvent
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	171
Flash Point, °C:	49
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	No data available
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	0.815
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

10. Stability and Reactivity

REACTIVITY: No data available.

STABILITY: No data available

POSSIBILITY OF HAZARDOUS REACTIONS: No data available.

CONDITIONS TO AVOID: Avoid heat or contamination

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: No data available.

11. Toxicological Information

Information on Likely Routes of Exposure

IMPORTANT SYMPTOMS: No data available

EYE CONTACT EFFECTS: No data available

SKIN CONTACT EFFECTS: No data available

INHALATION EFFECTS: No data available

INGESTION EFFECTS: No data available

CHRONIC HAZARDS: No data available**PRIMARY ROUTE(S) OF ENTRY:** No data available**Carcinogenicity:** 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, ACGIH, NTP or OSHA.**The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.**

<u>ATE ORAL</u>	5,102.041 mg/kg
<u>ATE DERMAL</u>	2,040.816327 mg/kg
<u>ATE INHALATION</u>	4 mg/kg

Acute Toxicity Values**The acute effects of this product have not been tested. Data on individual components are tabulated below**

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
68476-34-6	Fuels, Diesel, No 2	5,000 mg/kg	2,000 mg/kg	3.6 mg/L, 5.4 mg/L Rat
64742-94-5	Solvent Naphtha (petroleum), Heavy Aromatic	5,000 mg/kg	2,000 mg/kg	0.6 mg/L Rat
64742-95-6	Solvent naphtha (petroleum), light arom. [<0.1% Benzene]	5,000 mg/kg	6,000 mg/kg	N.I.

N.I. = No Information

Skin Corrosion & Irritation:

Product:	No data available
Components:	
Fuels, Diesel, No 2	68476-34-6 Causes skin irritation.

Serious Eye Damage & Irritation:

Product:	No data available
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Respiratory or Skin Sensitization:

Product:	No data available
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STOT-Single Exposure:

Product:	No data available
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STOT-Repeated Exposure:

Product:	No data available
Components:	
Fuels, Diesel, No 2	68476-34-6 May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

Product:	No data available
Components:	
Solvent Naphtha (petroleum), Heavy Aromatic	64742-94-5 May be fatal if swallowed and enters airways.
Solvent naphtha (petroleum), light arom. [<0.1% Benzene]	64742-95-6 May be fatal if swallowed and enters airways.
Fuels, Diesel, No 2	68476-34-6 May be fatal if swallowed and enters airways.

Carcinogenicity:

Product:	No data available
Components:	
Solvent naphtha (petroleum), light arom. [<0.1% Benzene]	64742-95-6 May cause cancer

Reproductive Toxicity:

Product:	No data available
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Germ Cell Mutagenicity:

Product: No data available

Components:

Solvent naphtha (petroleum), light arom. [$<0.1\%$ Benzene] 64742-95-6 May cause genetic defects .

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available

OTHER ECOLOGICAL: No data available

13. Disposal Information

DISPOSAL INFORMATION: Consult with your local, regional and federal agencies for information on proper disposal.

CONTAMINATED PACKAGING : Consult with your local, regional and federal agencies for information on proper disposal.

14. Transport Information

SPECIAL TRANSPORT PRECAUTIONS: No data available

DOT

UN Number:	UN1992
Proper Shipping Name:	Flammable liquids, toxic, n.o.s. (Fuels, Diesel, No 2)
Technical Name:	N/A
Hazard Class(es)	
Class:	3
Subsidiary Risk	6.1
Packing Group:	III

IATA

UN Number:	UN1992
Proper Shipping Name:	Flammable liquids, toxic, n.o.s. (Fuels, Diesel, No 2)
Technical Name:	N/A
Hazard Class(es)	
Class:	3
Subsidiary Risk:	6.1
Packing Group:	III

IMDG

UN Number:	UN1992
Proper Shipping Name:	Flammable liquids, toxic, n.o.s. (49 celsius degrees c.c.)(Fuels, Diesel, No 2)
Technical Name:	N/A
Hazard Class(es)	
Class:	3
Subsidiary Risk:	6.1
Packing Group:	III

The classification shown In this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information

CHEMICAL INVENTORY STATUS:

TSCA	On or in compliance with the inventory
DSL	On or in compliance with the inventory

CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

No Proposition 65 Carcinogens exist in this product.

16. Other Information

Revision Date: 3/22/2022
Datasheet produced by: Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs®), as established by the American Conference of Governmental Industrial Hygienists (ACGIH®)

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

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.