

Safety Data Sheet

Classified in accordance with SOR/2015-17

1. Product Identification

Product Information: 1000052265

Product Identifier: HEAVY DUTY CITRUS INDUSTRIAL PARTS CLEANER

Recommended Use: Cleaner

Manufacturer/Importer/Supplier Information: PLZ CORP
8001 KEELE STREET
VAUGHAN, ONTARIO L4K1Y8
CA
1-905-669-9855

Emergency Telephone: 866-836-8855

2. Hazard(s) identification

Classification

Flammable Aerosol, category 1
Aspiration Hazard, category 1
Skin Irritation, category 2
Skin Sensitizer, category 1
Acute Toxicity, Inhalation, category 4
Carcinogenicity, category 2
Reproductive Toxicity, category 2
STOT, repeated exposure, category 1

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H222 Extremely flammable aerosol.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H332 Harmful if inhaled.
H351 Suspected of causing cancer.
H361 Suspected of damaging fertility or the unborn child.
H372 Causes 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.
P203	Obtain, read and follow all safety instructions before use.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P260	Do not breathe fumes, mists, vapours or spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves and protective clothing

Response

P301+P316	IF SWALLOWED: Get emergency medical help immediately.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P318	IF exposed or concerned, get medical help.
P319	Get medical help if you feel unwell.
P331	Do NOT induce vomiting.
P332+P317	If skin irritation occurs: Get medical help.
P333+P317	If skin irritation or rash occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.

Storage

P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

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.
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Other Information

None

3. Composition/Information on Ingredients
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Mixtures

<u>Chemical Identity</u>	<u>Common Name and Synonyms</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Distillates (Petroleum), Hydrotreated Light		64742-47-8	10-30
Xylene		1330-20-7	10-30
Stoddard solvent		8052-41-3	10-30
d-Limonene		5989-27-5	5-10
Isopropyl Alcohol		67-63-0	5-10
Naphtha, (Petroleum), Hydrotreated Light		64742-49-0	5-10
Ethyl Benzene		100-41-4	3-7
n-Heptane		142-82-5	1-5
Carbon Dioxide		124-38-9	1-5
Toluene		108-88-3	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

SKIN CONTACT: Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

EYE CONTACT: Rinse immediately with plenty of water.

INHALATION: Move to fresh air.

INGESTION: Rinse mouth.

IMPORTANT SYMPTOMS: No data available

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur.

5. Fire-fighting Measures

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: No data available

SPECIAL FIREFIGHTING PROCEDURES: 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.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP: Stop the flow of material, if this is without risk. Absorb with sand or other inert absorbent.

ENVIRONMENTAL PRECAUTIONS: Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.

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: 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.

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: Aerosol Level 2

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>
Distillates (Petroleum), Hydrotreated Light	200 mg/m ³	N.E.	N.E.	N.E.
Xylene	20 ppm	N.E.	100 ppm	N.E.
Stoddard solvent	100 ppm	N.E.	500 ppm	N.E.
d-Limonene	N.E.	N.E.	N.E.	N.E.
Isopropyl Alcohol	200 ppm	400 ppm	400 ppm	N.E.
Naphtha, (Petroleum), Hydrotreated Light	N.E.	N.E.	100 ppm	N.E.
Ethyl Benzene	20 ppm	N.E.	100 ppm	N.E.

n-Heptane	400 ppm	500 ppm	500 ppm	N.E.
Carbon Dioxide	5,000 ppm	30000 ppm	5000 ppm	N.E.
Toluene	20 ppm	N.E.	200 ppm	300 ppm

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

ENGINEERING CONTROLS: No data available.

Personal Protection

EYE/FACE PROTECTION: Wear goggles/face shield.

SKIN PROTECTION: No data available

RESPIRATORY PROTECTION: Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.

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

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Clear
Color:	Yellow
Odor:	Citrus
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	82
Flash Point, °C:	-9
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.6 - 13.4
Vapor Pressure @20°C, PSI:	90-100
Vapor Density:	No data available
Relative Density:	0.782
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: Material is stable under normal conditions.

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

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.

EYE CONTACT EFFECTS: May cause slight irritation with tearing.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Ingestion may cause irritation of the mucous membranes, esophagus and stomach.

CHRONIC HAZARDS: No data available

Carcinogenicity: contains 1 component (Ethyl Benzene) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

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>	4,566 mg/kg
<u>ATE DERMAL</u>	2,624 mg/kg
<u>ATE INHALATION</u>	44 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>
64742-47-8	Distillates (Petroleum), Hydrotreated Light	5,000 mg/kg	5000 mg/kg	>100 mg/l
1330-20-7	Xylene	3,523 mg/kg	1,100 mg/kg	11 mg/l
8052-41-3	Stoddard solvent	5000 mg/kg	>3000 mg/kg Rabbit	100 mg/l
5989-27-5	d-Limonene	5000 mg/kg	5000 mg/kg	100 mg/l
67-63-0	Isopropyl Alcohol	5,000 mg/kg	5,000 mg/kg	10000 mg/l
64742-49-0	Naphtha, (Petroleum), Hydrotreated Light	5,000 mg/kg	3,750 mg/kg	100 mg/l
100-41-4	Ethyl Benzene	3,500 mg/kg	5,000 mg/kg	11 mg/l
142-82-5	n-Heptane	5,000 mg/kg	2,000 mg/kg	29.29 mg/l
124-38-9	Carbon Dioxide	5000 mg/kg	5000 mg/kg	100 mg/l
108-88-3	Toluene	5,580 mg/kg	5,000 mg/kg	28.1 mg/l

N.I. = No Information

Skin Corrosion & Irritation:

Product:		No data available
Components:		
Xylene	1330-20-7	Causes skin irritation.
n-Heptane	142-82-5	Causes skin irritation.

Serious Eye Damage & Irritation:

Product:	No data available
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Respiratory or Skin Sensitization:

Product:		No data available
Components:		
d-Limonene	5989-27-5	May cause an allergic skin reaction.

STOT-Single Exposure:

Product:		No data available
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STOT-Repeated Exposure:

Product:		No data available
Components:		
Stoddard solvent	8052-41-3	Causes damage to organs through prolonged or repeated exposure.

Aspiration Hazard:

Product:		No data available
Components:		
Ethyl Benzene	100-41-4	May be fatal if swallowed and enters airways.
Naphtha, (Petroleum), Hydrotreated Light	64742-49-0	May be fatal if swallowed and enters airways.
n-Heptane	142-82-5	May be fatal if swallowed and enters airways.
Distillates (Petroleum), Hydrotreated Light	64742-47-8	May be fatal if swallowed and enters airways.
Stoddard solvent	8052-41-3	May be fatal if swallowed and enters airways.

Carcinogenicity:

Product:		No data available
Components:		
Ethyl Benzene	100-41-4	Suspected of causing cancer

Reproductive Toxicity:

Product:		No data available
Components:		
Toluene	108-88-3	Suspected of damaging fertility or the unborn child.

Germ Cell Mutagenicity:

Product:		No data available
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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

TDG

UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.1
Subsidiary Risk: N/A
Packing Group: N/A

IATA

UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.1
Subsidiary Risk: N/A
Packing Group: N/A

IMDG

UN Number: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Technical Name: N/A
Hazard Class(es)
Class: 2.1
Subsidiary Risk: N/A
Packing Group: N/A

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 All ingredients in this product are listed on the DSL or are exempt.

16. Other Information

Revision Date: 11/16/2022
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.