

# Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

## 1. Product Identification

**Product Information:** 1000044193

**Product Identifier:** SPRAYWAY CONTACT CLEANER

**Recommended Use:** Cleaner

**Manufacturer/Importer/Distributor Information:** PLZ CORP  
2651 WARRENVILLE RD, STE 300  
DOWNERS GROVE, IL 60515  
US  
800-332-9000

**Emergency Telephone:** 866-836-8855

## 2. Hazard(s) identification

### Classification

Compressed Gas  
Eye Irritation, category 2A  
Acute Toxicity, Inhalation, category 4

### Label elements

#### HAZARD PICTOGRAMS



### SIGNAL WORD

Warning

### GHS HAZARD STATEMENTS

H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H332 Harmful if inhaled.

### GHS PRECAUTIONARY STATEMENTS

#### Prevention

P261 Avoid breathing dust, fumes, gas, mist, vapours, or spray.  
P264+P265 Wash hands thoroughly after handling. Do not touch eyes.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear eye protection and face protection

#### Response

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P317 If eye irritation persists: Get medical help.  
**Storage**  
 P410+P403 Protect from sunlight. Store in a well-ventilated place.  
**Disposal**  
 None  
**Other Information**  
 None

### 3. Composition/Information on Ingredients

**Mixtures**

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
trans-Dichloroethylene	156-60-5	25-50
1,1,1,2-tetrafluoroethane	811-97-2	25-50
Ethyl Nonafluoroisobutyl Ether	163702-06-5	10-25
Methyl Nonafluorobutyl Ether	163702-07-6	2.5-10

\* 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:** Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.  
**EYE CONTACT:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.  
**INHALATION:** Move to fresh air.  
**INGESTION:** Call a POISON CENTER/doctor if you feel unwell. 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 :** No data available  
**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:** Wear personal protective equipment.  
**SAFE HANDLING ADVICE:** Observe good industrial hygiene practices.

**STORAGE:** No data available

**NFPA 30B:** Aerosol Level 1

## 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>
trans-Dichloroethylene	200 ppm	N.E.	200 ppm	N.E.
1,1,1,2-tetrafluoroethane	N.E.	N.E.	N.E.	N.E.
Ethyl Nonafluoroisobutyl Ether	N.E.	N.E.	N.E.	N.E.
Methyl Nonafluorobutyl Ether	N.E.	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

**ENGINEERING CONTROLS:** Provide adequate ventilation.

### 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:** General industrial hygiene practice.

## 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
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	43
Flash Point, °C:	No data available
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Does not Support Combustion
Explosive Limits, %:	7.3 - 15.0
Vapor Pressure @20°C, PSI:	40-50
Vapor Density:	No data available
Relative Density:	No data available
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:** 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>	14,055 mg/kg
<u>ATE DERMAL</u>	14,055 mg/kg
<u>ATE INHALATION</u>	20 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>
156-60-5	trans-Dichloroethylene	> 5000 mg/kg	>5000 mg/kg Rabbit	N.I.
811-97-2	1,1,1,2-tetrafluoroethane	5000 mg/kg	5000 mg/kg	1500 mg/L Rat

N.I. = No Information

#### Skin Corrosion & Irritation:

**Product:** No data available

#### Serious Eye Damage & Irritation:

**Product:** No data available

#### Components:

Ethyl Nonafluoroisobutyl Ether 163702-06-5 Causes serious eye irritation.

#### Respiratory or Skin Sensitization:

**Product:** No data available

#### STOT-Single Exposure:

**Product:** No data available

#### STOT-Repeated Exposure:

**Product:** No data available

#### Aspiration Hazard:

**Product:** No data available

#### Carcinogenicity:

**Product:** No data available

#### Reproductive Toxicity:

**Product:** No data available

#### Germ Cell Mutagenicity:

**Product:** No data available

## 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:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
Subsidiary Risk	N/A
Packing Group:	N/A

#### IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
Subsidiary Risk:	N/A
Packing Group:	N/A

#### IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, NON-FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.2
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.

#### CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:

No Proposition 65 chemicals present or warning required.

## 16. Other Information

**Revision Date:** 10/6/2022

**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.

