## Section 1. Product and Company Identification

**Product Identifier** D35 - Paste Glass and Chrome

Product Use Description: Thick Paste for use as an Automotive Glass Cleaner

**Manufacturer or suppliers' details**

P & S Sales, Inc
20943 Cabot Blvd.
Hayward CA 94545

Emergency Number: 800-255-3924
Customer Service: 510-732-2628
Business Fax: 510-732-2632

## Section 2. Hazards Identification

**GHS Classification**

**Carcinogenicity** : Category 1
**Acute toxicity (oral)** : Category 4
**Eye Irritation** : Category 2
**Skin Irritation** : Category 3
**Hazardous to Aquatic Environment long-term hazard** : Category 4

### GHS Label Elements

**Hazard Pictograms**

**Hazard Word** **Danger**

**Hazard Statements**

May cause cancer
Harmful if swallowed
Causes serious eye irritation
Causes mild skin irritation
May cause long lasting harmful effects to aquatic life

**Precautionary Statements**

P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P264: Wash skin thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P280: Wear protective gloves/protective clothing/eye protection/face protection
P273: Avoid release to the environment
P301+310: Response:
P331: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P330: Do NOT induce vomiting

P308+313: Rinse mouth
P305+351+338: IF exposed or concerned: Get medical advice/attention
P337+313: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+313:
P405: If eye irritation persists: Get medical advice/attention
P501: If skin irritation occurs: Get medical advice/attention
Storage:
Store locked up
Dispose of contents/container to an approved waste disposal plant.

## 3. Composition Information on Ingredients

| CAS Number | Wt % | Component Name |
|---|---|---|
| 14808_60_7 | 50-70% | Quartz |
| 64742-47-8 | 5-20% | Distillates (petroleum), hydrotreated light |
| 64742-96-7 | 5-20% | Solvent naphtha (petroleum), heavy aliph. |
| 61790-53-2 | 1-10% | Diatomaceous Earth |
| 68439-57-6 | 1-10% | Sulfonic Acids |
| 107-21-1 | 1-10% | Ethylene Glycol |

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

## 4. First Aid Measures

EYE CONTACT
If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides. If irritation persists, call a physician.

SKIN
In case of skin contact, remove any contaminated clothing and wash skin with soap and water. Launder or dry-clean clothing before reuse. If product is injected into or under the skin, or into any part of the body, regardless of the appearance of the wound or its size, the individual should be evaluated immediately by a physician as a surgical emergency. Even though initial symptoms from high pressure injection may be minimal or absent, early surgical treatment within the first few hours may significantly reduce the ultimate extent of injury.

INHALATION
If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available.

INGESTION
If ingested, DO NOT induce vomiting; call a physician immediately.

## 5. Fire Fighting Measures

FLAMMABLE OR EXPLOSIVE LIMITS (APPROXIMATE PERCENT BY VOLUME IN AIR)
Estimated values: Lower Flammable Limit 1.9% Upper Flammable Limit 12.6%

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES
Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

Use dry chemical, foam or carbon dioxide to extinguish the fire. "Water may be ineffective", but water should be used to keep fire-exposed containers cool. If a leak or spill has ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing of gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS
Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.

## 6. Accidental Release Measures

CLEAN WATER ACT / OIL POLLUTION ACT
This product may be classified as an oil under Section 311 of the Clean Water Act, and under the Oil Pollution Act. Discharges or spills into or leading to surface waters that cause a sheen must be reported to the National Response Center (1-800-424-8802).

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Shut off and eliminate all ignition sources. Keep people away. Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize breathing vapors. Minimize skin contact. Ventilate confined spaces. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable governmental regulations. Continue to observe precautions for volatile, combustible vapors from absorbed material.

## 7. Handling and Storage

HANDLING PRECAUTIONS
This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Keep product away from ignition sources, such as heat, sparks, pilot lights, static electricity, and open flames.

## 8. Exposure Controls and Personal Protection

| | | |
|---|---|---|
| 14808_60_7 | Quartz | .025 mg/m3 ACGIH TLV<br>0.10 mg/m3 OSHA PELS |
| 64742-47-8 | Distillates (petroleum), hydrotreated light | None Listed |
| 64742-96-7 | Solvent naphtha (petroleum), heavy aliph. | None Listed |
| 61790-53-2 | Diatomaceous Earth | 80 mg/m3 OSHA PELS<br>6 mg/m3 NIOSH TLV |
| 68439-57-6 | Sulfonic Acids | None Listed |
| 107-21-1 | Ethylene Glycol | 100 mg/m3 ACGIH TLV |

VENTILATION
Use only with ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. No smoking, or use of flame or other ignition sources.

RESPIRATORY PROTECTION
Use supplied-air respiratory protection in confined or enclosed spaces, if needed.

PROTECTIVE GLOVES
Use chemical-resistant gloves, if needed, to avoid prolonged or repeated skin contact.

EYE PROTECTION
Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT
Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing, which could result in prolonged or repeated skin contact.

WORK PRACTICES / ENGINEERING CONTROLS
To prevent fire or explosion risk from static accumulation and discharge, effectively bond and/or ground product transfer system in accordance with (THE) National Fire Protection Association PUBLICATIONS.

## 9. Physical and Chemical Properties

**Flash Point** > 200 °F TCC
**Upper Flamability Limit** 12.6 %
**Auto Ignition** 471°C (880°F)
**Lower Flamability Limit** 1.9 %
**Physical State** Liquid
**Color** Gray, Cloudy
**Vapor Press** 17.5 mmHg
**pH** N/A
**Specific Gravity** .947
**Viscosity** Paste
**Vapor Density (Air=1)** 4
**Melting Point °F** < 32
**Odor** Solvent
**Water Solubility** Dispersable
**VOC Content** 0 lb/Gal, See section 15 for CARB info

## 10. Stability and Reactivity

**Stability** Stable
**Hazardous Polymerization** Not Expected to Occur
**Conditions to Avoid** Keep away from extreme heat, Strong Acids, Alkalies and Oxidizers such as Chlorine, other Halogens, Hydrogen Peroxide and Oxygen
**Hazardous Decomposition Products** No substances are readily identifiable from composition but no degradation data is available.

## 11. Toxicological Information

Sulfonic acids 68439-57-6 LD50 Dermal – Rabbit > 2000 mg/kg
Ethylene glycol 107-21-1 LD50 Oral – Rat 4,700 mg/kg

**SUSPECTED CANCER AGENT:** Components of this product are listed by agencies tracking the carcinogenic potential of chemical compounds:
Quartz CAS# 14808-60-7:
IARC: 1 - Group 1: Carcinogenic to humans (Quartz) NTP: Known to be human carcinogen (Quartz)
ACGIH: A2-Suspected Human Carcinogen Crystalline Silica CAS# 1317-95-9
IARC: 1 - Group 1: Carcinogenic to humans (Quartz) ACGIH: A2-Suspected Human Carcinogen

**IRRITANCY OF PRODUCT:** This product may be irritating to eyes, skin and respiratory system.
**SENSITIZATION TO THE PRODUCT:** None known
**REPRODUCTIVE TOXICITY INFORMATION:** Listed below is information concerning the effects of this product and its components on the human reproductive system.
Mutagenicity: The components of this product are not reported to produce mutagenic effects in humans. Embryotoxicity: The components of this product are not reported to produce embryotoxic effects in humans. Teratogenicity: The components of this product are not reported to produce teratogenic effects in humans. Reproductive Toxicity: The components of this product are not reported to produce reproductive effects in humans.

## 12. Ecological Information

Sulfonic acids 68439-57-6 EC50 – Water Flea 4.14 – 4.95 mg/l **MOBILITY IN SOIL:** No Data
**PERSISTENCE/DEGRADABILITY:** Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
**ENVIRONMENTAL STABILITY:** Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways
**BIOACCUMULATION/ACCUMULATION:** These products have not been tested for bio-accumulation potential. **WATER ENDANGERMENT CLASS:** Not Established

## 13. Disposal Considerations

Options for disposal of this product may depend on the conditions under which it was used. To determine the proper method of disposal, refer to RCRA (40 CFR 261), as well as federal EPA and state and local regulations.

Please refer to Sections 5, 6 and 15 for additional information.

## 14. Transportation Information

**Domestic Transportation, not by air:**
Non-bulk packagings (capacity less than or equal to 119 gallons)
Not regulated

**Transported by marine vessel:**
Non-bulk packagings (capacity less than or equal to 119 gallons)
Not regulated

**Transportation by Air IATA:**

Not regulated

## 15. Regulatory Information

**UNITED STATES REGULATIONS:**
**15. REGULATORY INFORMATION**
**SARA REPORTING REQUIREMENTS**
**TSCA**
The components of this product are subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.
**SECTION 302 (RQ):** None
**SECTION 302 (TPQ):** None
**SECTION 313:** None
All components in this product mixture are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.
**SARA 311/312:** Acute Health: Yes; Chronic Health: No; Fire: No; Reactivity: No
**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None
**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** This product does
contain a component above the 0.1% level which is listed as a California Proposition 65 chemical. Quartz CAS# 14808-60-7, Crystalline Silica CAS# 1317-95-9
**CANADIAN REGULATIONS:**
**CANADIAN DSL/NDSL INVENTORY STATUS:** All of the components of this product are on the DSL Inventory.
**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** No component of this product is on the CEPA First Priorities Substance Lists.
**CANADIAN WHMIS CLASSIFICATION and SYMBOLS:** This product has been classified per WHMIS 2015 standards
**EU HAZARD INFORMATION**: See section 2 for details
**AUSTRALIAN INFORMATION FOR PRODUCT:**
**AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES (AICS) STATUS:** All components of this product are listed on the AICS or exempt.
**STANDARD FOR THE UNIFORM SCHEDULING OF DRUGS AND POISONS:** Not applicable.
**JAPANESE INFORMATION FOR PRODUCT:**
**JAPANESE MINISTER OF INTERNATIONAL TRADE AND INDUSTRY (MITI) STATUS:** The components of this product
are not listed as Class I Specified Chemical Substances, Class II Specified Chemical Substances, or Designated Chemical Substances by the Japanese MITI.
**INTERNATIONAL CHEMICAL INVENTORIES:**
Listing of the components on individual country Chemical Inventories is as follows: Asia-Pac: Listed
Australian Inventory of Chemical Substances (AICS): Listed
Korean Existing Chemicals List (ECL): Listed
Japanese Existing National Inventory of Chemical Substances (ENCS): Listed Philippines Inventory if Chemicals and Chemical Substances (PICCS): Listed Swiss Giftliste List of Toxic Substances: Listed
U.S. TSCA: Listed

## 16. Other Information

**Revision Date** 7/14/2023

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety and other necessary information is included on the container.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

ACGIH American Conference of Government Industrial Hygienists
LD50 Lethal Dose 50%
AICS Australia, Inventory of Chemical Substances
LOAEL Lowest Observed Adverse Effect Level
DSL Canada, Domestic Sub- stances List
NFPA National Fire Protection Agency
NDSL Canada, Non-Domestic Sub- stances List
NIOSH National Institute for Occupational Safety & Health
CNS Central Nervous System
NTP National Toxicology Program
CAS Chemical Abstract Service
NZIoC New Zealand Inventory of Chemicals
EC50 Effective Concentration
NOAEL No Observable Adverse Effect Level
EC50 Effective Concentration 50%
NOEC No Observed Effect Concentration
EGEST EOSCA Generic Exposure Scenario Tool
OSHA Occupational Safety & Health Administration
EOSCA European Oilfield Specialty Chemicals Association
PEL Permissible Exposure Limit
EINECS European Inventory of Exist- ing Chemical Substances
PICCS Philipines Inventory of Commercial Chemical Substances
MAK Germany Maximum Concentration Values
PRNT Presumed Not Toxic
GHS Globally Harmonized System
RCRA Resource Conservation Recovery Act
>= Greater Than or Equal To
STEL Short-term Exposure Limit
IC50 Inhibition Concentration 50%
SARA Superfund Amendments and Reauthorization Act.
IARC International Agency for Re- search on Cancer
TLV Threshold Limit Value
IECSC Inventory of Existing Chemical Substances in China
TWA Time Weighted Average
ENCS Japan, Inventory of Existing and New Chemical Sub- stances
TSCA Toxic Substance Control Act
KECI Korea, Existing Chemical Inventory
UVCB Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<= Less Than or Equal To
WHMIS Workplace Hazardous Materials In- formation System
LC50 Lethal Concentration 50%