

1. Product and Company Identification

Product Name : Strutwipe: SW-782 (Made with MIL-PRF-83282)
Material Use : Cleaning wipe for chrome hydraulic components
Supplier/Manufacturer : K&M Industry
5512 E Kelso St.
Tucson, AZ 85712
Tel: (520) 975-7289

In case of emergency : (24hr service) (520) 975-7289

2. Hazards Identification

Physical state : Solid, liquid absorbed in cotton wipe
Hazard status : This product is classified as not hazardous under OSHA Regulations in the United States ref (29CFR 1910.1200)

Emergency overview : No specific hazard.
Use with care.
Follow good industrial hygiene practice.

Routes of entry : Skin contact, eye contact, inhalation, ingestion.

Potential acute health effects

Inhalation : No known significant effects or critical hazards.
Ingestion : No known significant effects or critical hazards.
Skin : Fluid on wipe may cause mild irritation of skin.
Eyes : No known significant effects or critical hazards.

Potential chronic health effects

Chronic effects : No known significant effects or critical hazards.
Carcinogenicity : No known significant effects or critical hazards.
Mutagenicity : No known significant effects or critical hazards.
Teratogenicity : No known significant effects or critical hazards.
Developmental effects : No known significant effects or critical hazards.
Fertility effects : No known significant effects or critical hazards.

Over-exposure signs/symptoms

Inhalation : No specific data.
Ingestion : No specific data.
Skin : No specific data.
Eyes : No specific data.

Medical conditions aggravated by over-exposure : None known.

GHS Label element

Hazard statement : H412 harmful to aquatic life with long lasting effects.

Other hazards : None

Precautionary statements : Prevention, P273 Avoid release into the environment.
: Disposal, P501 dispose of contents/container in approved disposal plant.

3. Composition/information on ingredients

Name	: MIL-PRF-83282
Concentration	: >99%
CAS #	: Not applicable
Exposure limit	: None Established

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. First aid measures

Eye contact	: Check for and remove any contact lenses. In case of contact with eyes, rinse immediately with plenty of water for at least 20 minutes. Get medical attention if symptoms occur.
Skin contact	: Wash with soap and water. Get medical attention if symptoms occur.
Inhalation	: If inhaled, remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.
Ingestion	: Do not induce vomiting. Get medical attention.
Protection of first-responders	: No action shall be taken involving any personal risk or without treatment specialist.
Notes to physician	: No specific treatment. Treat symptomatically.

5. Fire-fighting measure

Flammability of product	: In a fire or if heated, a pressure increase will occur and the container may burst.
Suitable extinguishing media	: Carbon dioxide (CO ²), water, dry powder
Not suitable	: None known.
Special exposure hazards	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Hazardous combustion products	: The final products of combustion are carbon oxides and water. Nitrogen, sulfur and metal oxides may also be produced in some cases.
Special protective equipment for fire-fighters	: Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive mode.

6. Accidental release measures

Personal precautions	: Use personal protective equipment as required. Avoid contact with eyes and skin.
Environmental precaution	: Do not flush into sewer or surface water.
Methods for clean up	: Due to the physical nature of this product, spills are not possible.

7. Handling and storage

- Handling** : Put on appropriate personal protective equipment (section 8). Eating, drinking and smoking should be prohibited in areas where this product is handled, stored and processed. Workers should wash hands and face before eating, drinking, and smoking. Do not ingest, avoid contact with eyes, skin, and clothing. Avoid breathing vapor. Keep in original container and kept tightly closed when not in use. Do not reuse container after product has been disposed.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed. Do not store product in unlabeled containers.
- Materials to avoid** : Oxidizing agents, strong acids and bases.

8. Exposure controls/personal protection**Consult local authorities for acceptable exposure limits.**

- Engineering measures** : Showers, eyewash stations, ventilation systems.
- Personal protection**
- Eye** : Avoid contact with eyes.
- Skin (body)** : Impervious clothing. For hands wear impervious gloves.
- Respiratory** : Not required under normal use; however, if vapors occur or there is potential for airborne exposures to exceed established threshold values, use approved NIOSH/MSHA organic cartridge respirator.
- Hygiene measure** : Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing before reuses.

9. Physical and chemical properties

- Physical state** : Solid containing liquid
- Color** : Red to pink
- Odor** : No data available
- Odor Threshold** : No data available
- pH** : No data available
- Evaporation rate** : No data available
- Specific gravity** : 0.85
- Flash point** : Open cup: 232°C (449.6°F) (Cleveland)
- Upper explosion limit** : No data available
- Lower explosion limit** : No data available
- Vapor pressure** : No data available

Density	: No data available
Solubility(ies)	
Water Solubility	: No data available
Solubility in other solvents	: No data available
Partition coefficient	: No data available
Auto-ignition temperature	: No data available
Thermal decomposition	: No data available
Viscosity, kinematic	: No data available
VOC Content %	: No data available

10. Stability and reactivity

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal storage conditions.
Possibility of hazardous reaction	: Hazardous polymerization
Conditions to avoid	: Heat, flames, and sparks.
Incompatibility materials	: Oxidizing agents, strong acids and bases.
Hazardous decomposition products	: Carbon oxides.

11. Toxicological information

Chemical Name	Oral LD50	Dermal LD50	Aspiration toxicity
Hydraulic Fluid MIL-PRF-83282	>5,000 mg/kg (Rat)	> 2,000 mg/kg (Rabbit)	No aspiration toxicity classification

Skin irritation	: Result: No skin irritation
Eye irritation	: Result: No eye irritation
CMR effects	: Carcinogenicity: Animal testing did not show any carcinogenic effects. Mutagenicity: Animal testing did not show any mutagenic effects.
Hydrogenated (Component)	: Teratogenicity: Noeffects on or via lactation, did not show teratogenic effects in animal experiments. Reproductive toxicity: No toxicity to reproduction.
Further Information (Product)	: No data is available on the product itself.

12. Ecological information

Ecotoxicity	: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that the large or frequent exposure can have a harmful or damaging effect on the environment.
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Chemical Name	Algae/aquatic plants	Fish	Bioaccumulation	Biodegradability
Hydraulic Fluid MIL-PRF-83282	No known significant effects	No known significant effects	No data available	No data available

Further information on ecology

Environmental effects : No known significant effects or critical hazards.

Other adverse effects : No known significant effects or critical hazards.

13. Disposal considerations

Waste disposal : The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Contaminated Packaging : Disposal should be in accordance with applicable regional, national and local laws and Regulations.

14. Transport information

ADR : Not dangerous goods

RID : Not dangerous goods

MERCOSUR : Not dangerous goods

DOT : Not dangerous goods

IATA : Not dangerous goods

IMDG : Not dangerous goods

15. Regulatory Information

OSHA Hazards : This product is not hazardous under the criteria of the Federal OSHA Hazards Communication Standard 29CFR 1910.1200.

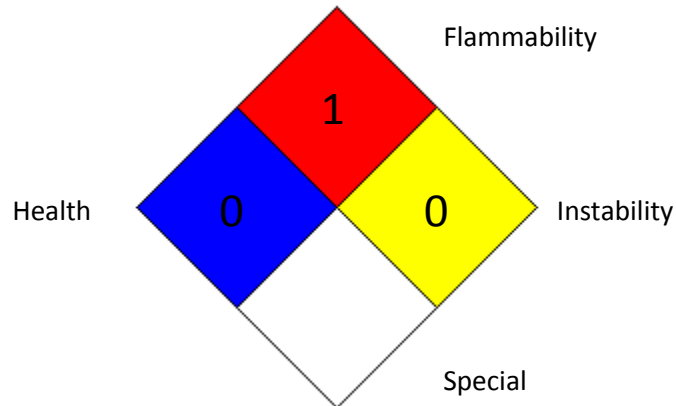
TSCA : All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

16. Other Information

HMIS : Health: 0
Flammability: 1
Physical hazards: 0
Personal protection: B

The customer is responsible for determining the PPE code for this product.

NFPA :



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