

For Emergency Contact: Chem-tel 1-800-255-3924

I - Identification

Product Name: T.S. Gel®
Product Code: 007096
Material Description: None
Revision Date: January 01, 2003
Chemical Family: Petroleum

II - Product and Component Data

Components	Cas Registry No.	%	ACGIH TLV - TWA
1. Petroleum USP	8009 - 03 - 8	100%	No Limit

III - Physical Data

Appearance and Color: Yellow semi-solid, odorless
Specific Gravity: .86
Boiling Point: Not Applicable
Vapor Density: Not Applicable
Vapor Pressure: Not Applicable
% Volatile By Volume: Not Applicable
Evaporation Rate: Not Applicable
Solubility: Soluble in hydrocarbons
Melting Point: 122-135(F)
% Solid By Wt.: Not Applicable
Material IS: Semi-solid

IV - Reactivity Data

Stability: Stable
Incompatibility: May react with strong oxidizing agents
Hazardous Decomposition Products: None
Hazardous Polymerization: Will not occur
Conditions To Avoid: None

V - Fire And Explosion Hazard Data

Flash Point (Method Used): 400 ((COC))
Flammable Limits In Air: LEL N.D.A. & UEL N.D.A.
Extinguishing Agents: Dry Chemical, Foam, Carbon Dioxide (CO2)
Special Fire Fighting Equipment: Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.
Unusual Fire And Explosion Hazards: Dense smoke may be generated while burning, carbon monoxide, carbon dioxide, and other oxides may be generated as products of combustion.

VI - Toxicity And First Aid

Acute Toxicity:

Inhalation - This product has a low vapor pressure and is not expected to cause an inhalation hazard at ambient conditions. Caution should be taken to prevent aerosolization or misting of this product. The threshold limit value (TLV) for this product as oil mist is 5 MG/M3. Exposure below 5 MG/M3 appears to be without significant health risk.

Skin: This product has not been tested for acute dermal effects. This product is not expected to cause any skin irritation upon direct single or repeated and prolonged contact; however, similar chemical composition products applied to the skin of laboratory animals resulted in minimal to slight dermal irritation.

Eyes: This product is non-irritating to the eyes upon direct contact.

Ingestion: Do not ingest. This product is practically non-toxic by ingestion. This product has laxative properties and may result in abdominal cramps and diarrhea.

First Aid:

Inhalation: This material has a low vapor pressure and is not expected to present an inhalation exposure at ambient conditions. If vapor or mist is generated when the material is heated or handled, remove victim from exposure. If breathing has stopped or is irregular, administer artificial respiration and supply oxygen if it is available. If victim is unconscious, remove to fresh air and seek medical attention.

Skin: Remove contaminated clothing, wash contaminated area thoroughly with soap and water. If material is hot, submerge injured area in cold water. If victim is severely burned, remove to hospital immediately.

Eye: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes. If material is hot, treat for thermal burns and take victim to hospital immediately.

Ingestion: May act as a laxative. Do not induce vomiting.

VII - Personal Protection And Controls

Respiratory Protection: Respiratory protection is not required under conditions of normal use. If vapor or mist is generated when the material is heated or handled, use an organic vapor respirator with a dust and mist filter. All respirators must be NIOSH certified. Do not use compressed oxygen in hydrocarbon atmospheres.

Ventilation: If vapor or mist is generated when the material is heated or handled, adequate ventilation in accordance with good engineering practice must be provided to maintain concentrations below the specified exposure or flammable limits.

Skin Protection: No skin protection is required for single, short duration exposures. For prolonged or repeated exposures, use impervious synthetic rubber clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure. If handling hot material, use insulated protective clothing (boots, gloves, aprons, etc.).

Eye Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

VIII - Special Precautions Additional Information

None

IX - Spill, Leak And Disposal Practices

Steps To Be Taken In Case Material Is Released Or Spilled: Contain spill immediately. Do not allow spill to enter sewers or watercourses. Remove all source of ignition. Absorb with appropriate inert material such as sand, clay, etc. Large spills may be picked up using vacuum pump, shovels, buckets or other means and placed in drums or other suitable containers.

Waste Disposal Method: All disposals must comply with federal, state and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Caution: If regulated solvents are used to clean up spilled material, the resulting waste mixture may be regulated. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. Waste material should be recycled if possible.

X - NFPA Rating

0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

Health	Fire	Reactivity	Components
0	1	0	Petroleum USP

This sheet was compiled from the latest available information and reliable sources. Procedures are based on accepted usage. They are not necessarily all-inclusive and may vary in every circumstance. Weld-Aid provides no warranties either expressed or implied and assumes no responsibility for the accuracy or completeness of the data herein.

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