

Performance Chemical Company

Product: Varsol

Current Issue Date: June 1, 2016

Page 1 of 6

Varsol

GHS

Safety Data Sheet

From: Performance Chemical Company

9105 W Interstate 20
Midland, TX 79706

Phone: (432) 332-3059
Fax: (432) 332-3097

All non-emergency questions should be directed to (432) 332-3059 for assistance.

24 Hour Emergency Telephone
CHEM-TEL, INC. 1-800-255-3924

NOTE: CHEM-TEL emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

1. Product Identification

Trade Name	Varsol
CAS Number:	64742-88-7
Product Family:	Contains Petroleum Distillates
Synonyms:	N/AP

2. Hazards Identification

Hazard Classification: Flammable Liquid-Category 4
Skin Irritant-Category 3
Eye Irritant-Category 2a
TOST (Repeated)-Category 2
Aspiration Toxicity-Category 2



WARNING

Hazard Statement:

FLAMMABLE LIQUID – IRRITANT – ABSORBED THROUGH THE SKIN - CENTRAL NERVOUS SYSTEM -HARMFUL OR FATAL IF SWALLOWED -ASPIRATION HAZARD

Precautionary Statement:

Flammable!! Keep away from heat, sparks, open flame, and other ignition sources.

Contact with this product may cause eye, skin, and mucous membrane irritation. Harmful if absorbed through the skin. Avoid prolonged breathing of vapors or mists. Inhalation may cause irritation, anesthetic effects (dizziness, nausea, headache, intoxication) and respiratory system effects. Excessive exposure may affect the liver, kidneys, and heart.

Performance Chemical Company

Product: Varsol

Current Issue Date: June 1, 2016

Page 2 of 6

3. Composition/Information on Ingredients

<u>Component Name</u>	<u>CAS Registry No.</u>	<u>Concentration % (Wt.)</u>
Aliphatic Petroleum Distillates	64742-88-7	100%

4. First Aid Measures

Eye Contact: For eyes, flush with plenty of water for 15 minutes and get medical attention.

Skin Contact: In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhalation: After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped give artificial respiration.

Swallowing: If swallowed, CALL A PHYSICIAN IMMEDIATELY! Do NOT induce vomiting. Have patient lie down and keep warm. Vomiting may lead to pneumonitis, which may be fatal.

5. Fire Fighting Measures

Flash Point
142.0-150.0 F (61.1-65.5 C) TCC

Explosive Limit
(for product) Lower 1.0 Upper 6.0%

Autoignition Temperature
440.0F (226.6C)

Hazardous Products of Combustion
May form carbon dioxide and carbon monoxide, various hydrocarbons.

Fire and Explosion Hazards
If product is heated above its flash point, it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release. Never use welding or cutting torch on or near drum (even empty) because product (even in residue) can ignite explosively.

Extinguishing Media
NFPA Class B extinguishers (Carbon Dioxide or foam) for Class II B liquid fires.

Special Fire Fighting Procedures
Water spray may be ineffective on fire but can protect fire fighters and cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear.
Use NIOS approved positive-pressure self-contained breathing apparatus.

6. Accidental Release Measures

Containment Techniques
Keep unprotected personnel away. Wear appropriate personal protective equipment. Ventilate spill area, stop spill at source, dike, and contain.

CLEAN-UP PROCEDURES:

Performance Chemical Company

Product: Varsol

Current Issue Date: June 1, 2016

Page 3 of 6

Small Spill: Absorb liquid on vermiculite, floor absorbent or other absorbent material and dispose of properly.

Large Spill: Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up is complete. Stop spill at source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product. Transfer contaminated absorbent, soil and other materials to containers for disposal. Prevent run-off to sewers, streams or other bodies of water. If runoff occurs, notify proper authorities as required, that a spill has occurred.

OTHER PRECAUTIONS

Vapors may ignite explosively & spread long distances. Prevent vapor buildup. Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone.

7. Handling & Storage

HANDLING:

Isolate from oxidizers, heat, sparks, electric equipment & open flame.
Use only with adequate ventilation. Avoid breathing of vapor or spray mist.
Avoid contact with skin & eyes.
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material.
Wash clothing before reuse.
Avoid free fall of liquid. Ground containers when transferring.
Do not flame cut, saw, drill, braze, or weld. Empty container very hazardous!
Continue all label precautions!

STORAGE:

Vapors may ignite explosively & spread long distances. Prevent vapor buildup.
Put out pilot lights & turn off heaters, electric equipment & other ignition sources during use & until all vapors are gone.
Do not store above 49 C/120 F.
Store large amounts in structures made for OSHA Class II B liquids
Keep container tightly closed & upright when not in use to prevent leakage.

8. Exposure Controls/Personal Protection

RESPIRATORY EXPOSURE CONTROLS

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION

LOCAL EXHAUST: Necessary

MECHANICAL (GENERAL): Acceptable

SPECIAL: None

OTHER: None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

PERSONAL PROTECTIONS:

Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier.
Wear gloves, apron & footwear impervious to this material.
Wash clothing before reuse.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.
Wash at end of each work shift & before eating, smoking or using the toilet.
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

Exposure Guidelines

Component

ALIPHATIC PETROLEUM DISTILLATES (64742-88-7)

OSHA VPEL 100.000 ppm – TWA

ACGIH TLV 100.000 ppm - TWA

Performance Chemical Company

Product: Varsol

Current Issue Date: June 1, 2016

Page 5 of 6

9. Physical Data

Physical State	Liquid	Color	Water-White
Odor	Aromatic	pH	Not Applicable
Specific Gravity	0.790	Liquid Density	NI
Vapor Pressure	0.130 mmHg at 68 °F	Solubility in Water	Insoluble
Boiling Point / Range	355 °F	Freezing Point	< 0 °F
Evaporation Rate	0.08		

10. Stability and Reactivity

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Isolate from oxidizers, heat, sparks, electric equipment & open flame.

MATERIALS TO AVOID

Isolate from strong oxidizers such as permanganates, chromates & peroxides.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

11. Toxicological Information

MATERIAL CAS # TWA (OSHA) TLV (ACGIH) HAP

Light Aliphatic Solvent Naphtha *64742-89-8 500 ppm 300 ppm No

Toluene 108-88-3 200 ppm 50 ppm A4 Yes

In addition to EPA Hazardous Air Pollutants showing "Yes" under "HAP" above, using manufacturers' data, based on EPA Method 311, the following EPA

Hazardous Air Pollutants may be present in trace amounts (less than 0.1%):

Benzene, Mixed Xylenes, Ethylbenzene

MATERIAL CAS # CEILING STEL (OSHA/ACGIH)

Aliphatic Petroleum Distillates *64742-88-7 None Known

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.

Absorption thru skin increases exposure.

Primary irritation to eyes, redness, tearing, blurred vision.

Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

Acute overexposure can cause damage to kidneys, blood, nerves, liver & lungs.

SWALLOWING:

Harmful or fatal if swallowed.

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGREGATED

CONDITIONS AGGREGATED

Chronic overexposure can cause damage to kidneys, blood, nerves, liver & lungs. Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

Leukemia been reported in humans from Benzene.

Performance Chemical Company

Product: Varsol

Current Issue Date: June 1, 2016

Page 6 of 6

This product contains less than 165 ppm of Benzene.
Not considered hazardous in such low concentrations.
Absorption thru skin may be harmful. Studies with laboratory animals indicate **this product can cause damage to fetus.**

12. Ecological Information

MAMMALIAN INFORMATION:

MATERIAL CAS # LOWEST KNOWN LETHAL DOSE DATA

AQUATIC ANIMAL INFORMATION:

The most sensitive known aquatic group to any component of this product is:
Juvenile Rainbow Trout are adversely affected by components of this product.

MOBILITY

This material is a mobile liquid.

DEGRADABILITY

This product is nonbiodegradable.

ACCUMULATION

This product does not accumulate or biomagnify in the environment.

13. Disposal Considerations

Processing, use or contamination may change the waste management options.
Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

14. Transport Information

DOT SHIPPING NAME: UN 1268, Combustible Liquid, N.O.S., 3, PG III, (petroleum distillate) ER 128

15. Regulatory Information

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health, Fire

All components of this product are on the TSCA list.

SARA Title III Section 313 Supplier Notification

Any release equal to or exceeding the RQ must be reported to the National Response Center (800-424-8802) and appropriate state and local regulatory agencies as described in 40 CFR 302.6 and 40 CFR 355.40 respectively.

Failure to report may result in substantial civil and criminal penalties.

State & local regulations may be more restrictive than federal regulations.

STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: This product contains the following chemical known to the State of California to cause reproductive toxicity:

Toluene

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:

Australia, Canada, Europe (EINECS), Japan, Korea, United Kingdom.

16. Other Information

HAZARD RATINGS:

HEALTH (NFPA): 1, HEALTH (HMIS): 2, FLAMMABILITY: 2, REACTIVITY: 0

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.