



P284--Wear a respirator with an organic vapor cartridges & particulate/mist filters.

#### **Response Precautionary (P) Statements**

P301+P310+P331--IF SWALLOWED, immediately call poison center (800) 222-1222 or 911, Do NOT induce vomiting.

P302+P352--IF ON SKIN, Wash with plenty of water.

P304+P340--IF INHALED, Move 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+P314--If eye irritation persists: Get medical advice/attention.

#### **Disposal Statement**

P501--Dispose of contents/container in accordance with local, state or federal waste material regulations.

#### **2.3 Hazards not otherwise classified (HNOC) or not covered by GHS: none**

Refer to Section 16 for wording of terms

### **3 COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1 Main Constituent:** Hydrotreated Petroleum Naphtha

**3.2 Mixture:** This product is a mixture of VOC exempt solvent and aliphatic hydrocarbon solvent.

Components of Mixture	CAS #	EINECS #	Weight %
Hydrotreated Petroleum Naphtha (low aromatic)	64742-48-9	265-150-3	40 - 60%
Decamethylcyclopentasiloxane(pentacyclomethicone)	541-02-6	208-764-9	40 - 60%

The exact percentages in this composition have been withheld as a trade secret.

### **4 FIRST AID MEASURES**

#### **4.1 Description of first aid measures:**

Eye Contact : Immediately flush with plenty of clean water for 15 minutes. Remove any contact lenses and open eyelids widely during flushing. If eye irritation persists, take person to emergency room and continue flushing during transport if possible. Bring this SDS for doctor. Provide easy access to eye wash stations close to work area.

Inhalation: Move person to fresh air and make comfortable for breathing.

Skin Contact: May result in mild skin irritation. Repeated exposure may cause skin dryness or cracking.

Ingestion: Do NOT induce vomiting. Aspiration into lungs must be avoided. Immediately call a POISON CENTER (800) 222-1222 or 911. Obtain immediate medical attention and bring this SDS to the hospital emergency room.

Note to Physician: If ingested, material may be aspirated into the lungs causing chemical pneumonitis.

#### **4.2 Most important symptoms and effects both acute and delayed:**

Hazards: Moderate to severe eye irritant. Risk of serious damage to lungs (by aspiration).

#### **4.3 Indication of any immediate medical attention and special treatment needed:**

Refer to SECTION 11 For more detailed information on health effects and symptoms.

Primary routes of entry: Eye contact, splashing into eye(s), ingestion, inhalation, skin contact.

### **5 FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media:** Use dry chemical extinguishing media or CO<sub>2</sub> or foam to fight fire.

#### **5.2 Special Hazards arising from the substance or mixture:**

Fire hazard: On exposure to high temperature LITHOTEX® Liquid Release may release flammable vapors.

Explosion hazard: Vapors can burn in the open or explode if confined.

Reactivity: Hazardous reactions will not occur under normal conditions.

Unusual fire hazards: Combustible liquid, flash point is 144 °F (62 °C), ASTM D93

#### **5.3 Advice for firefighting:**

Firefighting instructions: Wear positive-pressure self-contained breathing apparatus (SCBA).

Firefighting protection: Use normal individual fire protective equipment and fight fire from a distance.

## 6 ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions :

General measures: Use personal protective equipment. Ensure adequate ventilation and wear a respirator with organic vapor and particulate/mist cartridges. See section 8 for additional information.

Protective equipment: Wear suitable protective clothing with eye protection, gloves and respiratory protection.

**6.2 Environmental precautions:** Avoid discharge into waterways, sewers and soil. If spill enters water, contact local authorities.

### 6.3 Methods and material containment and cleaning up:

Have spill containment materials available. Soak up liquid with absorbent materials and then shovel the absorbed material into a properly labeled waste container or drum for disposal.

Emergency procedures: Cordon off spill area and restrict area to emergency personnel.

Method of cleaning up: Absorb with absorbent media or cover with dry earth, then transfer to a disposal drum.

## 7 HANDLING AND STORAGE

**7.1 Precautions for safe handling:** Handle in accordance with good industrial hygiene procedures. Always wash hands immediately after handling this product. Do not eat, drink or smoke in areas where product is being used.

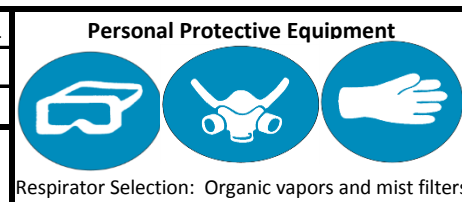
**7.2 Conditions for safe storage including any incompatibilities:** Store in a dry cool area. Keep containers closed and out of direct sunlight until used.

**7.3 Specific end uses:** Refer to SECTION 1.2 for use information.

## 8 EXPOSURE CONTROL/PERSONAL PROTECTION

### 8.1 Control parameters

Components of Mixture	OSHA Z1 TWA	Supplier OEL
Hydrotreated Petroleum Naphtha (low aromatic)	1200 mg/m <sup>3</sup>	171 ppm
Decamethylcyclopentasiloxane, pentacyclomethicone	No data avail.	10 ppm



### 8.2 Exposure controls:

Personal Protective Equipment Symbols:

Personal protection: Have eye wash stations located near work area.

Engineering measures: Use local exhaust and room ventilation.

Respiratory equipment: When working in confined areas, use an approved respirator equipped with organic vapors cartridges and particulate/mist filters.

Hand protection: Wear chemical resistant gloves, such as neoprene or nitrile rubber.

Eye protection: Wear safety glasses or tight fitting goggles.

Skin protection: Wear protective clothing, such as a rubber apron or rubber coat.

Hygiene measures: Wash hands after exposure, Remove contaminated clothing, shower and wash with plenty of soap and water. Wash contaminated clothing prior to reuse.

Environmental exposure controls: Apply absorbent materials to spills to absorb liquid. Transfer to a properly marked waste drum. Handle absorbed material according to applicable local/state or federal waste requirements.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information of basic physical and chemical properties

	Property/Parameter	Result/Value
a)	Appearance	colorless liquid
b)	pH	not applicable

c)	Color	clear
d)	Odor	very slight odor
e)	Freezing/Melting Point	[-67 °F] (-55 °C)
f)	Boiling Range	383-412 °F (195-211 °C)
g)	Flash Point	144 °F (62 °) ASTM D93
h)	Auto ignition Temperature	635 °F (335 °C)
i)	Explosive Limits UEL	5.3% by volume
j)	Explosive Limits LEL	0.7% by volume
k)	Flammability (solid, gas)	Combustible Liquid
l)	Vapor Pressure	0.05 mm Hg at 77 °F (25°C)
m)	Vapor density vs air = 1.0	data not available
n)	Density, water = 1.0 g/mL	0.76 to 0.90 g/mL
o)	Solubility in water	Insoluble
p)	KOW Partition Coefficient	Data not available
q)	Evaporation Rate, vs. n-butyl acetate = 1.0	0.09
r)	Viscosity	Fluid, pourable
s)	VOC g/L	<450 g/L (<3.75 lb/gal)

## 9.2 Other information

Other data: Not relevant

## 10 STABILITY AND REACTIVITY

**10.1 Reactivity:** Avoid contact with strong acids or strong bases.

**10.2 Chemical stability:** Stable under normal temperatures and conditions.

**10.3 Possibility of hazardous reactions:** There are no known hazardous reactions.

**10.4 Conditions to avoid:** Contact with peroxides, strong acids and bases, and oxidizers.

**10.5 Incompatible materials:** Avoid contact with strong acids.

**10.6 Hazardous decomposition products:** Combustion can release carbon monoxide and carbon dioxide.

## 11 TOXICOLOGICAL INFORMATION

Components of Mixture	LC <sub>50</sub> Inhalation rat	LD <sub>50</sub> Oral rat	Acute toxicity
Hydrotreated Petroleum Naphtha	5000 mg/m <sup>3</sup> 8 hr	>5000 mg/kg	Skin LD <sub>50</sub> rabbit >5000 mg/kg
Decamethylcyclopentasiloxane	8.67 mg/L 4 hr mist test	No data available	No data available

**11.1 Inhalation:** High concentration of product in air is unlikely due to low volatility (if area is properly ventilated).

**11.2 Skin contact:** No skin irritation has been observed in patch testing.

**11.3 Eye contact:** Eye contact may cause severe damage. Immediate first aid is required followed by emergency medical attention.

**11.4 Ingestion:** If swallowed do NOT induce vomiting. Damage to lungs by aspiration is greater than poisoning risk. Transport person to hospital emergency room and bring this SDS for doctor.

**11.5 Specific effects:** Not considered to be carcinogenic, mutagenic, or to contribute to reproductive/developmental toxicity. The components of this product are not considered to be possible or potential carcinogens by ARC, NTP or OSHA. A 2-year study using rats exposed to repeated high dose vapor inhalation of 160 ppm of D-5 Decamethylcyclopentasiloxane indicate effects (uterine endometrial tumors) in female rats. This finding occurred only with the highest exposure dose (160 ppm). Studies to date have not demonstrated if this effect occurs through a pathway that is relevant to humans.

## 12 ECOLOGICAL INFORMATION

**12.1 Toxicity:**

Components of Mixture	Aquatic Toxicity Fish		Aquatic Toxicity Invertebrates	
	LL <sub>0</sub> *	96 hr Aquatic Toxicity	48 hr Aquatic Toxicity	Species
Hydrotreated Petroleum Naphtha	1000 mg/L**	Oncorhynchus mykiss	NOEL 1 mg/L*	Daphnia magna
Decamethylcyclpentasiloxane	No data available		No data available	

\* No Lethal Effects at all loadings \*\*Indicates testing on similar material NOEL = No Observed Effect Level

Ecotoxicity: This product is not expected to be hazardous to the environment.

**12.2 Persistence and degradability:**

Biodegradability: Rapidly biodegradable.

**12.3 Bioaccumulative potential:** Low molecular weight siloxanes may bioaccumulate in fish and are insoluble in water, evaporating quickly to air and degrading rapidly.

**12.4 Mobility in soil:**

Mobility: No information is available

Results, PBT assessment: Mixture is not considered to be persistent, is degraded quickly in the air and is not toxic.

vPvB: Mixture is not expected to be very persistent and it is not very bioaccumulating, refer to sec. 12.2.

Other adverse affects: No other information is available.

**13 DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods:** Dispose of waste and residues in accordance with local waste requirements.

GHS P501-Dispose of contents/container according to local/state/regional/federal waste regulations.

**14 TRANSPORT INFORMATION**

This product is not covered by international regulation of the transport of dangerous goods (IMDG, IATA, ADR/RID).

US DOT: Not classified as dangerous goods under transport regulations.

**14.1 UN Number:** 1268

**14.2 UN proper shipping name:** UN1268, Petroleum Distillates, n.o.s. (combustible liquid)

**14.3 Transport hazard class:** C, Combustible liquid

**14.4 Packing group:** III

Note: This material is not regulated under 49 CFR in container quantities of 119 gallon or less in capacity when transported solely by land, as long as the material is not classified as a hazardous waste, or a marine pollutant, or is specifically listed as a hazardous substance.

**Packaging group:** Not regulated

**14.5 Environmental hazards**

Marine pollutant: Not regulated.

Environmentally hazardous substance: Not applicable.

**14.6 Special precautions for user:** None known.

**15 REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for substance or mixture.**

OSHA Hazcom 2012, 29 CFR 1910.1200 and regulation (EC) No 1272/2008 (CLP) of the European Parliament

SARA Title III Section 302, This product does not contain any materials subject to minimum reporting requirements.

SARA Title III Section 311/312: Fire: yes, acute: yes, immediate health and delayed health.

SARA Title III Section 313, This product does not contain any chemicals with known CAS numbers that exceed the threshold reporting levels.

**15.2 Chemical Safety Assessment:** Not relevant

Decamethylcyclpentasiloxane (D5) is listed under Right to Know in the States of New Jersey and Pennsylvania.

Petroleum distillates are listed in the Right-to-Know lists of CA, IL, LA, MI, MN, NJ, PA and RI.

For information on labeling go to section 2

There is one TSCA 12b listed chemical in this product, petroleum distillates.

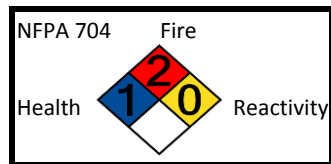
## 16 OTHER INFORMATION

**Before using, read Scofield's Tech-Data Bulletin TD-3611 for this product, the complete package label & this SDS and**

**Warranty.** The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

Wording of terms:

ACGIH	American Conference of Government Industrial Hygienists
CAS Number	Chemical Abstract Service, a unique chemical identifier
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Global Harmonization System, worldwide chemical safety system
LC <sub>50</sub>	Lethal Concentration causing 50% mortality of population
LD <sub>50</sub>	Lethal dose causing 50% mortality of population
NFPA	National Fire Protection Association
NTP	National Toxicology Program
OEL	Occupational Exposure Limit
OSHA	Occupational Safety and Health Act
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Level
RCRA	Resource Conservation and Recovery Act
RE	Repeated Exposure
RQ	Reportable Quantity
SARA III	Superfund Amendments and Reauthorization Act
SDS	Safety Data Sheet (GHS replacement for MSDS)
SE	Single Exposure
STOT	Specific Target Organ Toxicity
TLV	Threshold Limit Value
TSCA	Toxic Substances Control Act
TWA	Time Weighted Average
vPvB	Very Persistent and Very Bioaccumulative
WHMIS	Workplace Hazardous Materials Information System (Canada)

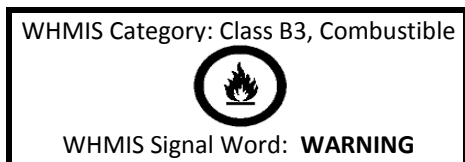


0 = lowest hazard, 4 = highest hazard

**California Prop 65: WARNING! This product contains one or more chemicals known to the State of California to cause cancer, or birth defects or other reproductive harm.**

Hazardous Material Identification	
Health Hazard	1
Fire Hazard	2
Reactivity Hazard	0
Personal Protection	see sec. 8

0 = minimal hazard, 4 = extreme hazard



The details in this document are based on our current knowledge and experience and are only for this product and are only in regard to safety requirements.

SDS issue date: July 21, 2015

**END OF SDS**

#### LIMITED WARRANTY

Since no control is exercised over product use, L. M. Scofield Company (Scofield) represents and warrants only that its products are of consistent quality within manufacturing tolerances. NO OTHER ORAL OR WRITTEN REPRESENTATION OR STATEMENT OF ANY KIND, EXPRESS OR IMPLIED, NOW OR HEREAFTER MADE IS AUTHORIZED OR WARRANTED BY SCOFIELD, INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Liability for breach of contract, negligence, or on any other legal basis is limited to the lesser of refund or replacement of defective materials. SCOFIELD WILL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING FOR DELAYS OR LOST PROFITS. Communication of this warranty and its limitations to end users is not the responsibility of Scofield, but should be communicated by those in direct contract with the end user. Any claim regarding product defect must be received in writing within one year from the date of manufacture. No claim will be considered without such written notice or after the specified time interval. The end user shall determine the suitability of the products for the intended use and assumes all risks and liability in connection therewith.