

Section 1: Identification


PRODUCT IDENTIFIER: SILICONE MOLD RELEASE

CHEMICAL FAMILY: Petroleum Distillates / Naphtha Petroleum Alkylate

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
Customer No. 16568

MANUFACTURER: PACE Technologies
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Tucson, Arizona USA
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Section 2: Hazard(s) Identification

GHS CLASIFICATION:	Flammable Liquids (Category 3) Acute Toxicity (Category 1)
PICTOGRAM(s):	
SIGNAL WORD:	Danger
HAZARD STATEMENTS:	Hazard Statement(s): H226- Flammable liquid and vapor. H304 - May be fatal if swallowed and enters airways.
PRECAUTIONARY STATEMENTS:	Precautionary Statement(s): Preventions: P210- Keep away from heat/sparks/open flames/hot surfaces. — No smoking. P233- Keep container tightly closed. P240 - Ground/bond container and receiving equipment. P241 - Use explosion-proof electrical/ ventilating/lighting/equipment. P242 - Use only non-sparking tools. P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/eye protection/face protection. Response: P303 - If on skin (or hair): Take off immediately all contaminated clothing. P353 - Rinse skin with water/shower. P3301+P310 - If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting.

Storage:

P403+P235- Store in a well-ventilated place. Keep cool. Store locked up.

Disposal:

P501- Dispose of contents/container to Federal, State and Local Regulations.

Section 3: Composition/Information on Ingredients

<u>CHEMICAL NAME</u>	<u>CAS NO.</u>	<u>%</u>
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Distillates (petroleum), hydrotreated light	64742-47-8	30-60
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Naphtha, petroleum, heavy alkylate	64741-65-7	30-60
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* The specific exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Section 4: First-Aid Measures

4.1 Description of first aid measures

INHALATION:

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

SKIN CONTACT:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.

EYE CONTACT:

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

INGESTION:

If swallowed, do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor.

4.2 Most important symptoms and effects, both acute and delayed

INHALATION:

May cause respiratory tract irritation.

SKIN CONTACT:

May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

EYE CONTACT: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking, and tear production, with possible redness and swelling.

INGESTION: May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.

4.3 Indication of any immediate medical attention and special treatment needed.

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: Fire-Fighting Measures

SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, or foam.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet.

FIRE HAZARDS: Fire hazard

EXPLOSION HAZARDS: May form flammable/explosive vapor-air mixture.

ADVICE FOR FIREFIGHTERS: Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Vapors are heavier than air and may spread along floors. Cool closed containers exposed to fire with water spray.

Section 6: Accidental Release Measures

PROTECTIVE MEASURES: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges.

CLEAN UP METHODS: Scoop up material and place in a disposal container. Provide ventilation.

FOR CONTAINMENT: Contain and/or absorb spill with inert material (e.g., sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Section 7: Handling and Storage

HANDLING: Use only in well-ventilated areas.

STORAGE: Keep in a cool place.

Section 8: Exposure Controls/ Personal Protection

MATERIAL	CAS No.	SOURCE	ppm
Petroleum distillates, hydrotreated light	64742-47-8	ACGIH (ppm)	N.A.
Petroleum distillates, hydrotreated light	64742-47-8	OSHA (ppm)	N.A.
Naphtha, petroleum, heavy alkylate	64741-65-7	ACGIH (ppm)	100 ppm
Naphtha, petroleum, heavy alkylate	64741-65-7	OSHA (ppm)	100 ppm

ADDITIONAL INFORMATION: Do not eat, smoke, or drink where material is handled, processed, or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

EXPOSURE CONTROLS: Maintain levels below Community environmental protection thresholds.

PERSONAL PROTECTIVE EQUIPMENT: Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

HAND PROTECTION: Wear suitable gloves.

EYE PROTECTION: Safety glasses or goggles are recommended when using product.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

ENVIRONMENTAL EXPOSURE Maintain levels below Community environmental protection thresholds.

CONTROLS:

Section 9: Physical and Chemical Properties

APPEARANCE:	Clear Liquid.
ODOR:	Mild aliphatic
pH:	Data not available.
INITIAL BOILING POINT AND BOILING RANGE:	183°C (360.9°F)
FLASH POINT:	54°C (130°F)
UPPER / LOWER FLAMMABILITY OR EXPLOSION LIMITS:	Data not available.
VAPOR PRESSURE:	Data not available.
SPECIFIC GRAVITY:	0.82 at 20°C (68°F)
WATER SOLUBILITY:	Data not available.
N-OCTANOL/WATER PARTITION COEFFICIENT (log Pow)	Data not available.
KINEMATIC VISCOSITY:	Data not available.
VAPOR DENSITY (air=1):	Data not available.
EVAPORATION RATE (nBuAc=1)	Data not available.

Section 10: Stability and Reactivity

REACTIVITY: No dangerous reaction known under conditions of

normal use.

STABILITY:

Stable under normal storage conditions. May form flammable/explosive vapor-air mixture.

CONDITIONS TO AVOID:

Heat. Incompatible materials. Sources of ignition.

POSSIBILITY OF HAZARADOUS REACTIONS:

No dangerous reaction known under conditions of normal use.

HAZARDOUS DECOMPOSITION PRODUCTS:

May include and are not limited to oxides of carbon. May release flammable gases.

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

Section 11: Toxicological Information

Silicone Lubricant	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	No data available

Petroleum distillates, hydrotreated light	CAS 64742-4-8)
LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 5.2 mg/l/4h

Naphtha, petroleum, heavy alkylate	64741-65-7
LD50 oral rat	>7000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 5.04 mg/l/4h

ASPIRATION HAZARD:	May be fatal if swallowed and enters airways.
SYMPTOMS/ INJURIES AFTER INHALATION:	May cause respiratory tract irritation.
SYMPTOMS/ INJURIES AFTER SKIN CONTACT:	May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
SYMPTOMS/ INJURIES AFTER EYE CONTACT:	May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
SYMPTOMS/ INJURIES AFTER INGESTION:	May be fatal if swallowed and enters airways. This product may be aspirated into the lungs and cause chemical pneumonitis. May cause stomach distress, nausea or vomiting.
SKIN IRRITATION:	Based on available data, the classification criteria are not met.
EYE IRRITATION:	Based on available data, the classification criteria are not met.
RESPIRATORY IRRITATION:	Based on available data, the classification criteria are not met.
REPEATED DOSE TOXICITY:	High exposures can cause drowsiness and dizziness. Central nervous system: repeated exposure affects the nervous system. Effects were seen at high doses only.
MUTAGENICITY:	Based on available data, the classification criteria are not met.
CARCINOGENICITY:	Based on available data, the classification criteria are not met.
REPRODUCTIVE AND DEVELOPMENTAL TOXICITY:	Based on available data, the classification criteria are not met.

Section 12: Ecological Information

TOXICITY: May cause long-term adverse effects in the aquatic environment.

MOBILITY IN SOILS:	No additional information available.
PERSISTENCE / DEGRADABILITY:	Data not available.
BIOACCUMULATION:	Date not available.
OTHER ADVERSE EFFECTS:	Not expected to have ozone depletion potential, photochemical zone creation potential or global warming potential.

Section 13: Disposal Considerations

WASTE DISPOSAL RECOMMENDATIONS:	This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.
ADDITIONAL INFORMATION:	Handle empty containers with care because residual vapors are flammable.

Section 14: Transportation Information

DOT (CFR49):	UN1993 Flammable liquids, n.o.s (Petroleum distillates) Class 3 PG III
IATA (air):	UN1993 Flammable liquids, n.o.s (Petroleum distillates) Class 3 PG III
IMDG (ocean):	UN1993 Flammable liquids, n.o.s (Petroleum distillates) Class 3 PG III

Section 15: Regulatory Information

All components of this product are listed, or excluded from listing, on the United States Environmental Protection

Agency Toxic Substances Control Act (TSCA) inventory.

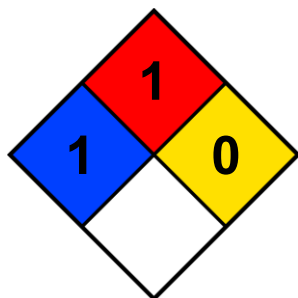
State Regulations

**STATE OR LOCAL
REGULATIONS:**

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

Section 16: Other Information

16.1 NFPA 704



Top, Flammability: 1 – Slight Hazard

Left, Health Hazard: 1 – Slight Hazard

Right, Reactivity: 0 – Minimal Hazard

Bottom, Special Notice: N/A

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