

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 1 of 6

1	PRODUCT AND COMPANY IDENTIFICATION
----------	---

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: PDL-50
Revision Date: 5/15/2015
MSDS Number: L704D
Product Code: L704
Product Use: Penetrant-Demoisturant-Lubricant

2	HAZARDS IDENTIFICATION
----------	-------------------------------

Route of Entry: Skin absorption, ingestion, inhalation, eye
Target Organs: NA
Inhalation: Excessive Inhalation may cause nasal and respiratory irritation, central nervous system effects.
Skin Contact: Causes irritation. Prolonged contact can cause defatting and dermatitis.
Eye Contact: Can cause severe irritation, redness, tearing, blurred vision.
Ingestion: Can cause gastrointestinal irritation, nausea, diarrhea, vomiting.

PERSONAL PROTECTION INDEX																							
A												G											
B												H											
C												I											
D												J											
E												K											
F												X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions										
A		n		O		P		q		r		S											
t		u		w		y		z		Additional Information													

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 2 of 6

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:

Physical, Flammable Liquids, 4
Health, Acute toxicity, 4 Oral
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 A
Health, Specific target organ toxicity - Single exposure, 3

GHS Phrases:

H227 - Combustible liquid
H302 - Harmful if swallowed
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

GHS Precautionary Statements:

P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
P301+330+331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 - Wash contaminated clothing before reuse.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.

Continue rinsing.

P311 - Call a POISON CENTER or doctor/physician.
P264 - Wash thoroughly after handling.
P271 - Use only in a well-ventilated area.

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 3 of 6

3
COMPOSITION/INFORMATION ON INGREDIENTS
Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
64742-88-7	Solvent naphtha, petroleum,medium aliph.	70-80%	100	100	D
64742-65-0	Petroleum Lube Oil	<20%	5mg/m3	5mg/m3	D
28016-00-4	Zinc Dinonylnaphthalene- Sulfonate	<5%	NA	NA	D
111-76-2	2-Butoxyethanol	<5%	25	25	D

4
FIRST AID MEASURES

Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention.
Skin Contact:	Wash off with soap and water. Remove and isolate contaminated clothing and shoes. Get medical attention if irritation develops and persists.
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. Get immediate medical advice/attention.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 4 of 6

5

FIRE FIGHTING MEASURES

Flammability: Combustible

Flash Point: 140 Deg. F.

Extinguishing media: Foam, dry chemical, carbon dioxide.

Special fire fighting procedures: Use Self contained breathing apparatus and protective clothing.

Unusual Fire & Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, other flames and ignition sources at locations distant from material handling point.

6

ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.

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).

Scoop up material and place in a disposal container. Provide ventilation.

7

HANDLING AND STORAGE

Handling Precautions: Warning: Combustible liquid. Store in a cool, fire resistant area. Do not breathe gas/fumes/vapor/spray. Use only in well-ventilated areas. Do not get in eyes, on skin, or on clothing. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Handle in accordance with good industrial hygiene and safety practices.

Storage Requirements: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking. Warning: Combustible liquid. Store in a cool, fire resistant area. Keep out of reach of children. Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 49 C/120 F. Store in a cool dry, climate controlled area, away from incompatibles, sparks and open flame.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Personal Protective Equip: HMIS PP, B | Goggles, Gloves
Respiratory Protection: Use a NIOSH/MSHA -approved respirator in poorly ventilated areas or when permissible exposure limits may be exceeded.
Protective gloves: Chemical resistant/ neoprene
Eye protection: Safety glasses/goggles

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.

Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Remove contaminated clothing.

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 5 of 6

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Brownish	Odor:	Solvent
Physical State:	Liquid	Solubility:	Negligible
Spec Grav./Density:	(H2O=1): 0.8 +/- 0.05	Flash Point:	140 Deg. F.
Boiling Point:	355 Deg. F.	Vapor Density:	(Air=1): >1
Flammability:	Combustible	VOC:	Not available

10 STABILITY AND REACTIVITY

Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Heat. Contact with strong oxidizing agents.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	May form: Carbon dioxide, carbon monoxide, various hydrocarbons.
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

Data summary for the components are as follows:

Solvent naphtha,petroleum,medium aliph. (CAS 64742-88-7)

Acute

Oral	LD50	>5000 mg/kg (Rat)
Inhalation	LC50	>5500 ppm, 4 hrs (Rat)
Dermal	LD50	>3000 mg/kg (Rabbit)

2-Butoxyethanol (CAS 111-76-2)

Acute

Oral	LD50	470 mg/kg (Rat)
Dermal	LD50	2270 mg/kg (Rat)
Dermal	LD50	220 mg/kg (Rabbit)
Inhalation	LC50	2.21 mg/L 4h, (Rat)
Inhalation	LC50	450 ppm 4h, (Rat)

12 ECOLOGICAL INFORMATION

Aquatic Toxicity
No Data available.

13 DISPOSAL CONSIDERATIONS

This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

PDL-50

MSDS Number: L704D

Revision Date: 5/15/2015

Page 6 of 6

14

TRANSPORT INFORMATION

Proper Shipping Name: Not Regulated

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Solvent naphtha, petroleum, medium aliph. (64742887 70-80%) TSCA

*Mineral Oil, Petroleum Distillates, Solvent-Dewaxed Heavy Paraffinic (mild or no solvent-refining or hydrotreatment) (64742650 <20%) NJHS, TSCA

Zinc Dinonylnaphthalenesulfonate (28016004 <5%) SARA313, TSCA

*2-Butoxyethanol (111762 <5%) HAP, MASS, OSHAWAC, PA, SARA313, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

SARA313 = SARA 313 Title III Toxic Chemicals

TXAIR = TX Air Contaminants with Health Effects Screening Level

TSCA = Toxic Substances Control Act

NJHS = NJ Right-to-Know Hazardous Substances

16

OTHER INFORMATION

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as carcinogen or potential carcinogen. [a] NTP [b] IARC

Monograph [c] OSHA [d] Not listed [e] Animal Data only

N/A = Not available N/D = Not determined